


AMT
**The Association For
Manufacturing Technology**

Founded 1902 as National Machine Tool Builders' Association

Direct Dial: (703) 827-5260

STATISTICAL

No. 76-92 September 2, 1992

U.S. FOREIGN TRADE IN MANUFACTURING TECHNOLOGY – JUNE 1992
 (values in millions of U.S. dollars)

	<u>June 1992</u>	<u>May 1992</u>	<u>Average Mar.-May</u>	<u>YTD Total'92</u>	<u>YTD Total'91</u>	<u>% Change 1991-1992</u>
METAL CUTTING MACHINE TOOLS						
Exports	\$ 69.7	\$ 51.5	\$ 46.2	\$301.1	\$ 316.4	(4.8%)
Imports	\$105.3	\$113.7	\$122.5	\$704.7	\$ 859.0	(18.0%)
Balance	(\$ 35.6)	(\$ 62.2)	(\$ 76.3)	(\$403.6)	(\$ 542.6)	(25.6%)
METAL FORMING MACHINE TOOLS						
Exports	\$ 45.5	\$ 39.9	\$ 38.7	\$245.7	\$ 235.0	4.6%
Imports	\$ 36.8	\$ 48.8	\$ 47.0	\$252.1	\$ 294.1	(14.3%)
Balance	\$ 8.7	(\$ 8.9)	(\$ 8.3)	(\$ 6.4)	(\$ 59.1)	(89.2%)
MACHINE TOOL TOTAL						
Exports	\$115.3	\$ 91.4	\$ 84.9	\$546.8	\$ 551.5	(0.9%)
Imports	\$142.1	\$162.5	\$169.5	\$956.7	\$1,153.1	(17.0%)
Balance	(\$ 26.8)	(\$ 71.1)	(\$ 84.6)	(\$409.9)	(\$ 601.6)	(31.9%)
NUMERICALLY CONTROLLED MACHINE TOOLS						
Exports	\$ 47.3	\$ 26.7	\$ 23.1	\$171.3	\$ 175.7	(2.5%)
Imports	\$ 82.6	\$ 70.9	\$ 85.4	\$500.2	\$ 625.4	(20.0%)
Balance	(\$ 35.3)	(\$ 44.2)	(\$ 62.3)	(\$328.9)	(\$ 449.7)	(26.9%)
OTHER MANUFACTURING TECHNOLOGY						
Exports	\$161.9	\$163.6	\$156.0	\$918.6	\$ 833.9	10.2%
Imports	\$157.1	\$162.8	\$168.5	\$939.0	\$1,024.9	(8.4%)
Balance	\$ 4.8	\$ 0.8	(\$ 12.5)	(\$ 20.4)	(\$ 191.0)	(89.3%)

Note: Numerically controlled machine tools is a subgroup of the machine tool total. () denotes negative. Individual items may not add up to totals due to rounding.

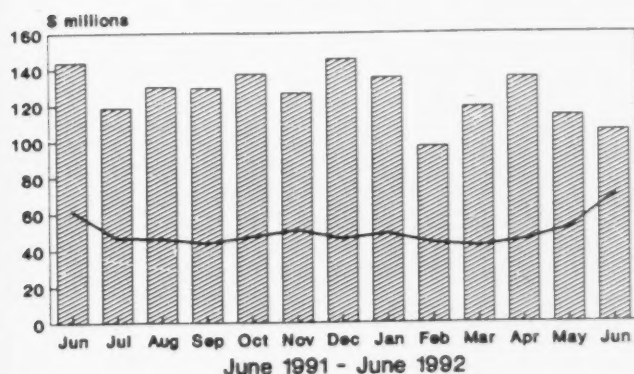
• U.S. machine tool exports of \$115.3 million in June were the second highest monthly total ever, behind the \$120.0 million in May 1981. Exports have now risen for three consecutive months.

• Year-to-date exports are \$546.8 million, down less than 1% from last year when annual exports set a record at \$1.08 billion. The top two markets are Mexico and Canada at \$94.4 million and \$85.9 million, respectively.

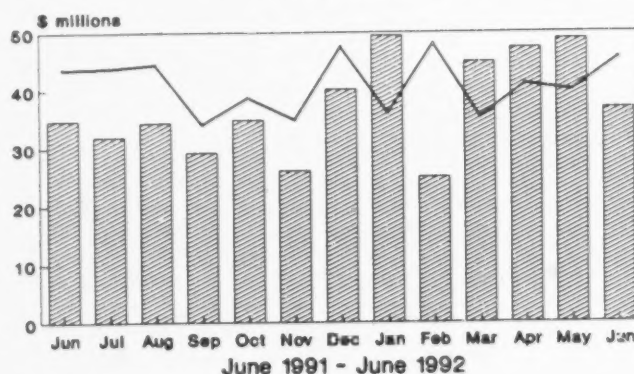
• U.S. machine tool imports in the first half of 1992 are \$956.7 million, down 17% from last year. Imports from Japan of \$452.6 million are down 9% from last year; imports from Germany are \$188.9 million, down 32%.

U.S. MONTHLY TRADE IN MACHINE TOOLS

METAL CUTTING



METAL FORMING



METAL CUTTING MACHINE TOOLS

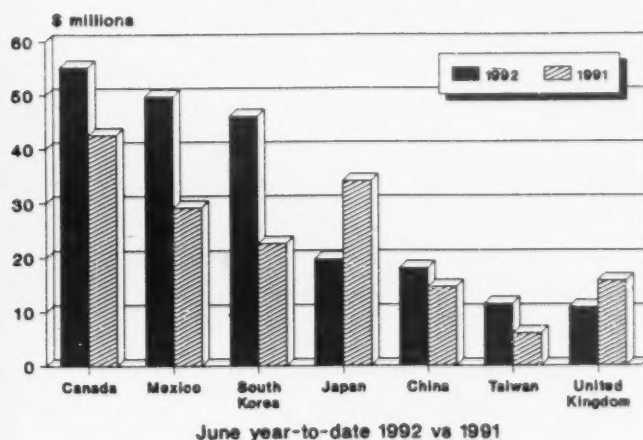
Exports

• Paced by \$19.6 million in NC transfer machines to South Korea, metal cutting exports in June jumped to \$69.7 million from \$51.5 million in May. Year-to-date exports are down 5% from last year at \$301.1 million.

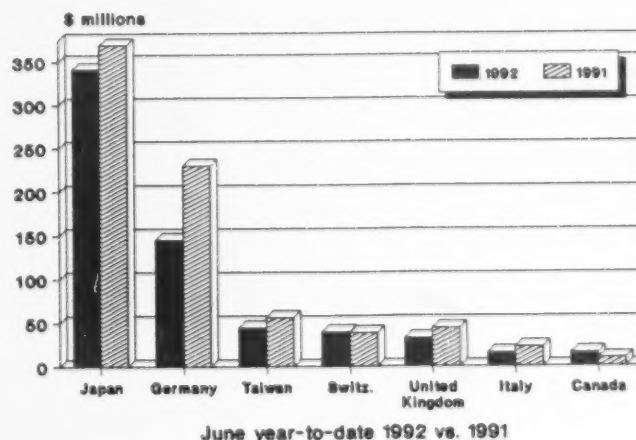
• Year-to-date exports of boring machines, drilling machines and gear cutting machines are all down more than 39% from last year; exports of station type machines are up 50%.

• Exports of metal cutting machines to Europe are \$55.2 million so far in 1992, down 51% from last year. Exports to Asia are \$122.0 million in 1992, up 23% from last year at this time. Exports to North and Central America are \$106.3 million, up 46% from 1991.

LEADING U.S. EXPORT MARKETS METAL CUTTING MACHINES



LEADING U.S. IMPORT SOURCES METAL CUTTING MACHINES



Imports

• Metal cutting imports fell for the second straight month to \$105.3 million, the second lowest monthly total since February 1988. Year-to-date imports are down 18% to \$704.7 million.

• Imports of EDMs rose to \$40.7 million in 1992 through June, up from \$36.8 million last year at this time. With the exception of EDMs, NC vertical lathes and machining centers, year-to-date imports of all major types of metal cutting machines are down at least 11% (usually more) so far in 1992.

• Imports from Switzerland, Canada, South Korea and Singapore are up in the first half of 1992 over last year. Imports from all other major import sources are down, usually more than 20%.

METAL FORMING MACHINE TOOLS

Exports

• For the first time since February, exports of metal forming machines in June exceeded imports. Exports were \$45.5 million in June, up from \$39.9 million in May. Year-to-date exports are up 5% over last year at \$245.7 million.

• Mexico was the top market in June and is the top market for all of 1992 so far at \$44.7 million, up 52% from 1991 at this time. Exports to Saudi Arabia are \$9.4 million, up from \$3.6 million last year.

• Exports of NC metal forming machines are up 31% over last year at \$46.6 million, equal to 19% of total forming exports (up from 15% in 1991 at this time).

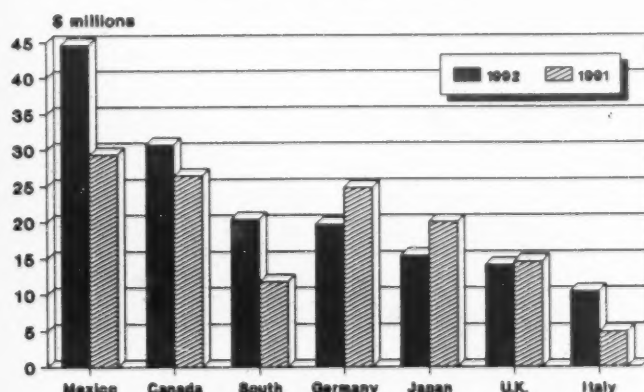
Imports

• Imports of metal forming machines slumped 25% in June to \$36.8 million for a year-to-date total (\$252.1 million) down 14% from 1991.

• Imports of NC metal forming machines are \$43.7 million in 1992, up fractionally from last year. NC machines account for 17% of total metal forming imports so far in 1992.

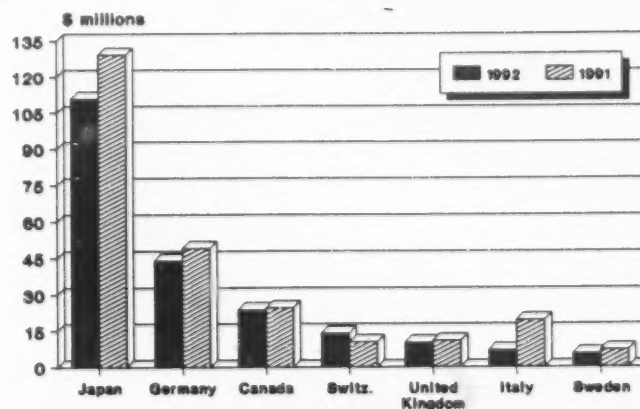
• Imports of used or rebuilt metal forming machines are \$10.7 million in 1992 through June, down from \$16.3 million last year. Year-to-date imports of machines for working wire are \$13.0 million, down from \$29.8 million last year.

LEADING U.S. EXPORT MARKETS
METAL FORMING MACHINES



June year-to-date 1992 vs. 1991

LEADING U.S. IMPORT SOURCES
METAL FORMING MACHINES



June year-to-date 1992 vs. 1991

OTHER MANUFACTURING TECHNOLOGY

Exports

- Exports of laser, light or photon beam machines are \$10.4 million in 1992 through June, down from \$20.1 million last year at this time. Exports of machine tool parts and accessories are \$394.9 million, up 18% from last year.
- Year-to-date exports of injection molding machines are \$54.6 million, up from \$30.9 million last year. Exports of extruders of all types are \$25.2 million, down from \$29.3 million in 1991 through June.

Imports

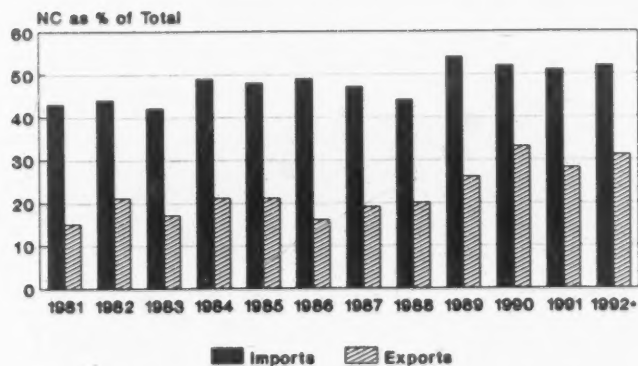
- Year-to-date imports of laser, light or photon beam machines are \$24.4 million, down from \$27.3 million in 1991. Imports of numerical controls for controlling machine tools are \$14.8 million so far in 1992, down from \$17.2 million last year.
- Imports of machine tool parts and accessories are \$270.2 million in 1992 through June, down slightly from last year. The leading sources so far in 1992: Japan (\$69.7 million), Canada (\$61.9 million) and Germany (\$44.7 million).

MONTHLY FOCUS

Advances in numerical controls are a major reason for the exceptional flexibility, precision and accuracy now common in many types of machine tools, especially metal cutting machines. In a general sense, these features often make NC machines, even though they cost more, a "better buy" than non-NC machines.

The charts below detail, for the last decade, the percentage (by value) of U.S. machine tool imports and exports which are numerically controlled. Since 1981, more than 40% of U.S. imports have been NC, creeping up to more than 50% in the past few years. On the other hand, only 15% of U.S. machine tool exports in 1981 were NC machines, though that percentage has risen fairly steadily since then, especially since 1986. In 1992 through June, 31% of U.S. machine tool exports were numerically controlled.

NC Machines as a Percentage of Total
U.S. Machine Tool Imports and Exports
1981-1992*



*January-June
Source: U.S. Bureau of the Census

1992 EXPORTS

METAL CUTTING

COUNTRY	JUNE '92	MAY '92	% CHANGE	JUNE '92 YTD	JUNE '91 YTD	% CHANGE
Canada	\$ 8,287,392	\$11,997,196	-31%	\$55,149,234	\$42,659,512	29%
Mexico	17,144,591	11,747,847	46%	49,729,969	29,156,544	71%
South Korea	24,738,200	3,337,245	641%	46,059,876	22,587,632	104%
Japan	955,418	3,280,247	-71%	19,687,411	34,057,522	-42%
China	1,514,526	1,022,871	48%	17,966,136	14,539,388	24%
Taiwan	1,223,752	2,010,056	-39%	11,412,909	6,008,442	90%
United Kingdom	1,617,312	2,025,861	-20%	10,773,644	15,650,001	-31%
Germany	1,703,472	1,920,639	-11%	10,452,549	37,703,295	-72%
Italy	2,273,609	3,767,427	-40%	10,039,893	7,507,352	34%
Indonesia	1,009,083	648,562	56%	6,397,041	1,294,474	394%
Singapore	98,657	1,766,431	-94%	5,220,299	4,668,178	12%
Brazil	543,868	151,001	260%	4,820,033	6,542,376	-26%
India	472,186	184,960	155%	4,450,251	7,093,506	-37%
France	321,611	1,048,839	-69%	3,830,539	10,353,560	-63%
Venezuela	662,845	578,913	14%	3,436,858	6,235,812	-45%
Netherlands	293,915	857,867	-66%	3,263,598	3,149,814	4%
Switzerland	151,199	70,474	115%	3,149,443	3,504,113	-10%
Australia	728,253	252,782	188%	2,505,443	2,701,092	-7%
Thailand	766,760	159,279	381%	2,168,476	1,636,658	32%
Spain	236,690	1,151,406	-79%	1,836,919	1,009,229	82%
Austria	0	130,000	-100%	1,404,259	638,179	120%
Belgium	290,364	113,479	156%	1,188,519	6,241,769	-81%
Malaysia	13,427	20,052	-33%	487,635	1,635,699	-70%
USSR	0	0	NA	0	16,569,190	-100%

METAL FORMING

COUNTRY	JUNE '92	MAY '92	% CHANGE	JUNE '92 YTD	JUNE '91 YTD	% CHANGE
Mexico	\$12,271,890	\$5,500,607	123%	\$44,654,866	\$29,376,167	52%
Canada	4,678,365	3,689,562	27%	30,743,532	26,427,409	16%
South Korea	5,999,470	2,914,676	106%	20,450,269	11,797,236	73%
Germany	3,338,304	2,542,395	31%	19,649,996	24,757,035	-21%
Japan	2,901,425	2,107,682	38%	15,394,518	20,039,551	-23%
United Kingdom	2,592,644	4,246,303	-39%	14,085,023	14,525,919	-3%
Italy	721,777	4,992,087	-86%	10,428,817	4,841,360	115%
Taiwan	1,864,698	1,330,622	40%	8,647,771	4,657,229	86%
Belgium	1,003,538	100,859	895%	8,401,053	1,803,814	366%
France	495,337	749,904	-34%	8,355,697	14,007,861	-40%
China	82,730	3,524,738	-98%	7,681,912	17,332,365	-56%
Singapore	648,168	1,082,124	-40%	5,724,275	3,249,305	76%
Brazil	1,242,238	1,252,603	-1%	5,410,834	4,022,584	35%
Thailand	308,551	340,864	-9%	4,974,807	5,108,875	-3%
Venezuela	758,124	443,788	71%	3,104,856	1,324,832	134%
Netherlands	524,757	694,022	-24%	2,474,608	6,186,800	-60%
Australia	1,136,341	265,142	329%	2,055,280	1,998,261	3%
Switzerland	46,726	94,217	-50%	1,594,580	1,297,732	23%
Malaysia	328,800	77,551	324%	1,343,272	813,534	65%
Indonesia	398,537	210,553	89%	1,199,120	3,437,699	-65%
Spain	31,198	226,665	-86%	1,088,804	3,361,839	-68%
Austria	0	165,778	-100%	975,387	187,657	420%
India	108,536	45,265	140%	703,436	789,535	-11%
USSR	0	121,799	-100%	243,542	25,640	850%

MACHINE TOOL TOTAL

COUNTRY	JUNE '92	MAY '92	% CHANGE	JUNE '92 YTD	JUNE '91 YTD	% CHANGE
Mexico	\$29,416,481	\$17,248,454	71%	\$94,384,835	\$58,532,711	61%
Canada	12,965,757	15,686,758	-17%	85,892,766	69,086,921	24%
South Korea	30,737,670	6,251,921	392%	66,510,145	34,384,868	93%
Japan	3,856,843	5,387,929	-28%	35,081,929	54,097,073	-35%
Germany	5,041,776	4,463,034	13%	30,102,545	62,460,330	-52%
China	1,597,256	4,547,609	-65%	25,648,048	31,871,753	-20%
United Kingdom	4,209,956	6,272,164	-33%	24,858,667	30,175,920	-18%
Italy	2,995,386	8,759,514	-66%	20,468,710	12,348,712	66%
Taiwan	3,088,450	3,340,678	-8%	20,060,680	10,665,671	88%
France	816,948	1,798,743	-55%	12,186,236	24,361,421	-50%
Singapore	746,825	2,848,555	-74%	10,944,574	7,917,483	38%
Brazil	1,786,106	1,403,604	27%	10,230,867	10,564,960	-3%
Belgium	1,293,902	214,338	504%	9,589,572	8,045,583	19%
Indonesia	1,407,620	859,115	64%	7,596,161	4,732,173	61%
Thailand	1,075,311	500,143	115%	7,143,283	6,745,533	6%
Venezuela	1,420,969	1,022,701	39%	6,541,714	7,560,644	-13%
Netherlands	818,672	1,551,889	-47%	5,738,206	9,336,614	-39%
India	580,722	230,225	152%	5,153,687	7,883,041	-35%
Switzerland	197,925	164,691	20%	4,744,023	4,801,845	-1%
Australia	1,864,594	517,924	260%	4,560,723	4,699,353	-3%
Spain	267,888	1,378,071	-81%	2,925,723	4,371,068	-33%
Austria	0	295,778	-100%	2,379,646	825,836	188%
Malaysia	342,227	97,603	251%	1,830,907	2,449,233	-25%
USSR	0	121,799	-100%	243,542	16,594,830	-99%

1992 IMPORTS

METAL CUTTING

COUNTRY	JUNE '92	MAY '92	% CHANGE	JUNE '92 YTD	JUNE '91 YTD	% CHANGE
Japan	\$45,985,982	\$50,438,766	-9%	\$341,573,844	\$369,720,423	-8%
Germany	24,214,385	28,685,915	-16%	144,891,447	229,996,115	-37%
Taiwan	7,944,438	6,496,502	22%	44,342,903	55,864,089	-21%
Switzerland	6,643,373	6,706,298	-1%	40,151,795	38,423,685	4%
United Kingdom	3,660,308	6,370,144	-43%	32,566,765	43,893,185	-26%
Italy	3,415,670	2,606,447	31%	15,560,877	22,586,768	-31%
Canada	3,500,788	3,961,020	-12%	15,533,948	9,227,562	68%
Spain	1,665,708	789,616	111%	9,650,219	10,983,545	-12%
South Korea	765,592	936,373	-18%	9,581,612	8,990,561	7%
Singapore	1,159,468	1,115,324	4%	8,748,679	5,478,835	60%
France	862,384	723,466	19%	4,695,149	9,905,423	-53%
Sweden	743,117	739,272	1%	3,975,654	12,305,402	-68%
Brazil	361,150	319,696	13%	3,279,551	4,144,455	-21%
Belgium	160,970	0	NA	355,072	1,296,992	-73%

METAL FORMING

COUNTRY	JUNE '92	MAY '92	% CHANGE	JUNE '92 YTD	JUNE '91 YTD	% CHANGE
Japan	\$13,363,072	\$13,686,007	-2%	\$111,020,013	\$129,230,004	-14%
Germany	7,962,668	6,469,714	23%	44,032,830	49,018,592	-10%
Canada	3,706,525	3,709,631	0%	23,777,096	24,564,708	-3%
Switzerland	4,347,333	2,213,622	96%	14,021,932	10,549,722	33%
United Kingdom	2,543,013	3,471,393	-27%	10,318,675	10,878,341	-5%
Italy	1,047,112	1,559,012	-33%	6,985,189	19,427,449	-64%
Sweden	536,606	2,333,830	-77%	5,575,539	7,156,320	-22%
Belgium	566,854	317,585	78%	4,290,769	4,948,678	-13%
Taiwan	479,880	411,253	17%	3,679,043	3,348,182	10%
France	133,016	517,628	-74%	3,422,609	1,102,255	211%
South Korea	97,585	1,039,872	-91%	1,627,655	445,335	265%
Spain	341,246	92,307	270%	1,569,934	1,533,013	2%
Singapore	3,750	0	NA	15,250	300,254	-95%
Brazil	0	0	NA	9,051	19,696,889	-100%

MACHINE TOOL TOTAL

COUNTRY	JUNE '92	MAY '92	% CHANGE	JUNE '92 YTD	JUNE '91 YTD	% CHANGE
Japan	\$59,349,054	\$64,124,773	-7%	\$452,593,857	\$498,950,427	-9%
Germany	32,177,053	35,155,629	-8%	188,924,277	279,014,707	-32%
Switzerland	10,990,706	8,919,920	23%	54,173,727	48,973,407	11%
Taiwan	8,424,318	6,907,755	22%	48,021,946	59,212,271	-19%
United Kingdom	6,203,321	9,841,537	-37%	42,885,440	54,771,526	-22%
Canada	7,207,313	7,670,651	-6%	39,311,044	33,792,270	16%
Italy	4,462,782	4,165,459	7%	22,546,066	42,014,217	-46%
Spain	2,006,954	881,923	128%	11,220,153	12,516,558	-10%
South Korea	863,177	1,976,245	-56%	11,209,267	9,435,896	19%
Sweden	1,279,723	3,073,102	-58%	9,551,193	19,461,722	-51%
Singapore	1,163,218	1,115,324	4%	8,763,929	5,779,089	52%
France	995,400	1,241,094	-20%	8,118,758	11,007,678	-26%
Belgium	727,824	317,585	129%	4,645,841	6,245,670	-26%
Brazil	361,150	319,696	13%	3,288,602	23,841,344	-86%

1992 U.S. EXPORTS BY PRODUCT GROUPS

PRODUCT TYPES	JANUARY 1992		FEBRUARY 1992		MARCH 1992		APRIL 1992	
	Units	Value	Units	Value	Units	Value	Units	Value
Used & rebuilt & under \$3,025	5,316	\$11,265,820	5,422	\$19,598,877	6,557	\$15,515,671	6,715	\$16,608,085
Boring machines	4	111,194	13	355,020	22	1,051,530	5	982,348
Drilling machines	46	2,480,904	77	1,808,417	144	1,028,066	50	610,942
Gear cutting machines	16	2,952,428	14	3,352,752	11	1,838,305	21	3,859,988
Grinding machines	296	11,067,320	248	6,487,757	298	7,112,597	195	6,333,052
NC horizontal lathes	22	4,786,634	16	2,123,339	22	2,483,249	21	3,845,252
NC vertical lathes	1	170,620	7	1,895,200	3	314,112	4	820,590
Non-NC lathes	44	3,333,427	36	1,234,899	39	866,194	28	775,663
Milling machines	35	6,163,478	43	5,628,228	43	4,140,783	46	2,783,629
Machining centers	18	4,153,920	43	2,912,384	26	3,823,849	20	4,144,535
Station type machines	2	689,332	24	3,705,541	5	6,212,800	5	679,025
Other metal cutting machines	191	5,028,354	261	7,372,840	260	5,534,794	296	7,665,317
Punching & shearing machines	75	2,962,166	120	6,014,865	92	4,643,641	135	4,669,531
Bending & forming machines	154	5,495,473	156	8,763,283	161	6,961,257	151	6,267,058
Presses	98	7,968,219	112	6,395,734	96	6,397,621	127	11,367,450
Forging machines	18	4,823,312	20	1,352,893	11	1,504,192	24	3,767,744
Other metal forming machines	221	11,490,938	324	12,788,805	320	7,847,518	198	10,936,704
MACHINE TOOL TOTAL	6,557	84,943,539	6,936	91,790,834	8,110	77,276,179	8,041	86,116,913

PRODUCT TYPES	MAY 1992		JUNE 1992		JUNE '92 YTD		JUNE 1991	
	Units	Value	Units	Value	Units	Value	Units	Value
Used & rebuilt & under \$3,025	5,675	\$14,631,339	7,613	\$17,942,457	37,298	\$95,562,249	6,716	\$15,068,308
Boring machines	8	625,445	4	183,049	56	3,308,586	29	2,458,144
Drilling machines	37	404,865	140	1,080,214	494	7,413,408	182	2,096,676
Gear cutting machines	18	4,893,063	16	2,631,313	96	19,527,849	42	10,858,258
Grinding machines	316	8,690,095	237	10,271,795	1,590	49,962,616	390	12,599,243
NC horizontal lathes	21	3,217,185	16	1,788,225	118	18,243,884	25	2,373,736
NC vertical lathes	0	0	0	0	15	3,200,522	2	108,000
Non-NC lathes	60	1,894,668	42	2,369,310	249	10,474,161	49	2,263,152
Milling machines	28	1,384,138	34	2,820,657	229	22,920,913	73	6,889,800
Machining centers	28	2,886,287	12	2,796,111	147	20,717,086	24	2,660,799
Station type machines	18	12,100,629	23	25,613,289	77	49,000,616	6	2,649,559
Other metal cutting machines	348	6,377,535	249	6,892,759	1,605	38,871,599	273	9,131,128
Punching & shearing machines	145	7,422,484	154	6,325,240	721	32,037,927	129	3,810,698
Bending & forming machines	161	8,033,223	119	4,219,304	902	39,739,598	257	9,068,216
Presses	194	8,034,376	312	14,367,534	939	54,531,364	210	6,552,960
Forging machines	18	1,845,378	43	7,155,512	134	20,449,031	40	5,388,723
Other metal forming machines	155	8,986,110	271	8,809,407	1,489	60,859,482	234	11,390,564
MACHINE TOOL TOTAL	7,230	91,427,250	9,285	115,266,176	46,159	546,820,891	8,681	105,367,964

1992 U.S. EXPORTS BY PRODUCT GROUPS

PRODUCT TYPES	JUNE '91 Units	YTD Value	% CHANGE MAY '92-JUNE '92		% CHANGE JUNE '91-JUNE '92		% CHANGE YTD '91-YTD '92	
			Units	Value	Units	Value	Units	Value
Used & rebuilt & under \$3,025	34,417	\$79,852,236	34.1%	22.6%	13.4%	19.1%	8.4%	19.7%
Boring machines		7,804,458	-50.0%	-70.7%	-86.2%	-92.6%	-21.1%	-57.6%
Drilling machines	631	12,200,190	278.4%	166.8%	-23.1%	-48.5%	-21.7%	-39.2%
Gear cutting machines	156	38,896,041	-11.1%	-46.2%	-61.9%	-75.8%	-38.5%	-49.8%
Grinding machines	1,779	57,964,443	-25.0%	18.2%	-39.2%	-18.5%	-10.6%	-13.8%
NC horizontal lathes	159	17,847,573	-23.8%	-44.4%	-36.0%	-24.7%	-25.8%	2.2%
NC vertical lathes	21	1,664,230	NA	NA	-100.0%	-100.0%	-28.6%	92.3%
Non-NC lathes	275	8,022,496	-30.0%	25.1%	-14.3%	4.7%	-9.5%	30.6%
Milling machines	269	22,927,260	21.4%	103.8%	-53.4%	-59.1%	-14.9%	0.0%
Machining centers	160	27,231,030	-57.1%	-3.1%	-50.0%	5.1%	-8.1%	-23.9%
Station type machines	30	32,588,398	27.8%	111.7%	283.3%	866.7%	156.7%	50.4%
Other metal cutting machines	1,703	45,348,854	-28.4%	8.1%	-8.8%	-24.5%	-5.8%	-14.3%
Punching & shearing machines	669	28,405,242	6.2%	-14.8%	19.4%	66.0%	7.8%	12.8%
Bending & forming machines	822	37,667,244	-26.1%	-47.5%	-53.7%	-53.5%	9.7%	5.5%
Presses	991	37,914,887	60.8%	287.8%	48.6%	119.3%	-5.2%	43.8%
Forging machines	142	22,709,215	138.9%	78.8%	7.5%	32.8%	-5.6%	-10.0%
Other metal forming machines	1,374	72,414,933	74.8%	-2.0%	15.8%	-22.7%	8.4%	-16.0%
MACHINE TOOL TOTAL	43,669	551,458,730	28.4%	26.1%	7.0%	9.4%	5.7%	-0.8%

1992 U.S. IMPORTS BY PRODUCT GROUPS

PRODUCT TYPES	JANUARY 1992		FEBRUARY 1992		MARCH 1992		APRIL 1992	
	Units	Value	Units	Value	Units	Value	Units	Value
Used & rebuilt & under \$3,025	94,127	\$12,280,602	81,661	\$11,946,493	71,929	\$14,045,979	84,774	\$11,587,883
Boring machines	25	3,463,952	36	989,787	45	3,737,653	26	4,588,124
Drilling machines	97	4,705,463	104	2,226,497	36	2,753,876	62	3,198,537
Gear cutting machines	37	6,172,007	4	649,747	23	1,307,398	26	6,552,810
Grinding machines	512	27,479,836	361	11,708,165	475	16,761,975	471	16,109,963
NC horizontal lathes	153	15,234,824	285	26,313,185	235	23,072,156	195	17,708,086
NC vertical lathes	16	1,194,631	4	987,274	18	4,031,865	9	3,892,886
Non-NC lathes	207	3,386,097	249	4,832,824	242	4,680,480	363	4,759,828
Milling machines	138	4,406,171	198	2,995,701	244	3,330,393	154	5,797,535
Machining centers	200	22,852,787	215	23,855,068	227	27,699,714	201	45,488,842
Station type machines	18	19,481,908	12	2,219,038	9	1,337,261	11	2,415,601
Other metal cutting machines	280	16,298,473	264	10,069,462	284	18,240,822	278	15,889,936
Punching & shearing machines	100	7,476,279	99	5,200,811	75	5,203,477	144	8,147,610
Bending & forming machines	151	11,974,223	125	4,205,804	147	6,328,325	151	6,424,005
Presses	101	15,951,346	598	3,793,878	364	7,021,117	361	8,270,967
Forging machines	104	2,006,697	166	1,340,569	45	17,634,877	133	13,299,820
Other metal forming machines	151	10,016,946	125	8,391,681	228	6,298,417	187	8,374,858
MACHINE TOOL TOTAL	96,417	184,382,242	84,506	121,725,984	74,626	163,485,785	87,546	182,507,291

PRODUCT TYPES	MAY 1992		JUNE 1992		JUNE '92 YTD		JUNE 1991	
	Units	Value	Units	Value	Units	Value	Units	Value
Used & rebuilt & under \$3,025	79,166	\$18,808,253	62,688	\$11,861,015	474,345	\$80,530,225	60,137	\$11,892,444
Boring machines	24	1,943,461	48	1,969,225	204	15,692,202	55	3,314,472
Drilling machines	49	1,295,026	46	1,642,707	394	15,822,106	146	3,825,684
Gear cutting machines	16	3,349,701	6	1,049,835	112	19,081,498	57	3,552,435
Grinding machines	386	17,789,460	357	13,207,642	2,562	103,057,041	382	13,752,180
NC horizontal lathes	214	20,593,605	184	17,975,797	1,266	120,897,653	196	20,231,721
NC vertical lathes	2	581,745	18	2,711,922	67	13,400,323	6	908,254
Non-NC lathes	318	5,138,132	245	4,098,627	1,624	26,895,988	402	8,630,438
Milling machines	214	5,538,178	258	5,225,691	1,206	27,293,669	328	6,999,359
Machining centers	176	21,438,242	200	35,529,123	1,219	176,863,776	221	26,931,681
Station type machines	18	10,511,806	9	1,906,874	77	37,872,488	18	37,041,344
Other metal cutting machines	297	10,768,201	228	10,155,951	1,631	81,422,845	307	9,268,796
Punching & shearing machines	85	10,178,018	86	6,545,270	589	42,751,465	81	5,494,669
Bending & forming machines	149	4,929,111	144	12,298,846	867	46,160,314	129	5,919,854
Presses	209	9,501,579	99	3,885,875	1,732	48,424,762	131	5,872,448
Forging machines	62	16,348,004	51	3,534,620	561	54,164,587	69	5,986,386
Other metal forming machines	116	4,791,201	194	8,541,571	1,001	46,414,674	180	9,024,713
MACHINE TOOL TOTAL	81,501	162,503,723	64,861	142,140,591	489,457	956,745,616	62,845	178,646,878

1992 U.S. IMPORTS BY PRODUCT GROUPS

PRODUCT TYPES	JUNE '91 YTD		% CHANGE MAY '92-JUNE '92		% CHANGE JUNE '91-JUNE '92		% CHANGE YTD '91-YTD '92	
	Units	Value	Units	Value	Units	Value	Units	Value
Used & rebuilt & under \$3,025	443,546	\$85,405,926	-20.8%	-36.9%	4.2%	-0.3%	6.9%	-5.7%
Boring machines	350	29,118,860	100.0%	108.7%	-12.7%	-40.6%	-41.7%	-46.1%
Drilling machines	645	26,249,345	-6.1%	26.8%	-68.5%	-57.1%	-38.9%	-39.7%
Gear cutting machines	256	30,267,788	-62.5%	-68.7%	-89.5%	-70.4%	-56.3%	-37.0%
Grinding machines	3,072	116,095,986	-7.5%	-25.8%	-6.5%	-4.0%	-16.6%	-11.2%
NC horizontal lathes	1,326	138,126,364	-14.0%	-12.7%	-6.1%	-11.2%	-4.5%	-12.5%
NC vertical lathes	56	12,235,337	800.0%	366.2%	200.0%	198.6%	19.6%	9.5%
Non-NC lathes	2,535	44,049,910	-23.0%	-20.2%	-39.1%	-52.5%	-35.9%	-38.9%
Milling machines	1,840	42,428,614	20.6%	-5.6%	-21.3%	-25.3%	-34.5%	-35.7%
Machining centers	1,240	151,303,291	13.6%	65.7%	-9.5%	31.9%	-1.7%	16.9%
Station type machines	91	115,383,786	-50.0%	-81.9%	-50.0%	-94.9%	-15.4%	-67.2%
Other metal cutting machines	1,794	85,139,308	-23.2%	-5.7%	-25.7%	9.6%	-9.1%	-4.4%
Punching & shearing machines	505	27,037,496	1.2%	-35.7%	6.2%	19.1%	16.6%	58.1%
Bending & forming machines	895	40,892,701	-3.4%	149.5%	11.6%	107.8%	-3.1%	12.9%
Presses	1,069	101,302,328	-52.6%	-59.1%	-24.4%	-33.8%	62.0%	-52.2%
Forging machines	422	37,003,970	-17.7%	-78.4%	-26.1%	-41.0%	32.9%	69.2%
Other metal forming machines	1,388	74,339,843	67.2%	78.3%	7.8%	-5.4%	-27.9%	-37.6%
MACHINE TOOL TOTAL	461,030	1,151,380,853	-20.4%	-12.5%	3.2%	-20.4%	6.2%	-16.9%

U.S. EXPORTS
Metal Cutting Machine Tools - June 92

RELEASED: September 2, 1992

	TOTAL YTD		TOTAL MO.	
	UNITS	\$000	UNITS	\$000
8456300000 Electro-discharge machines	89	6911	16	1797
8457100015 Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	30	3520	3	778
100025 Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	12	2822	3	1104
100035 Horizontal machining centers, ATC	14	3738	0	0
100045 Machining centers, n.e.c.	91	10637	6	914
200010 Unit construction mach. (single station transfer), NC	5	1556	1	162
200090 Unit construction mach. (single station transfer), non-NC	8	5850	0	0
300010 Multi-station transfer machines, NC	19	27840	10	21282
300090 Multi-station transfer machines, non-NC	34	12834	7	3972
8458110010 Horizontal lathes, multiple spindle, NC	35	3344	8	814
110030 Horiz. lathes, power rating under 18.65 kW (25 HP), NC	46	6189	4	478
110050 Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	20	4425	0	0
110090 Horiz. lathes, power rating over 37.3 kW (50 HP), NC	17	4286	4	496
190030 Horizontal engine or toolroom lathes, non-NC	22	530	3	48
190050 Automatic bar and/or chucking mach., single spindle, non-NC	5	198	1	29
190070 Automatic bar and/or chucking mach., mult. spindle, non-NC	57	3048	15	1183
190090 Horizontal lathes, n.e.c., non-NC	120	2088	14	653
911060 Vertical turret lathes, multiple spindle, NC	1	84	0	0
911080 Vertical turret lathes, n.e.c., NC	4	855	0	0
915050 Vertical lathes, excl. VTL's, multiple spindle, NC	0	0	0	0
915070 Vertical lathes, excluding VTL's, n.e.c., NC	10	2261	0	0
991050 Vertical turret lathes, non-NC	9	525	0	0
995090 Vertical lathes, n.e.c., excl. VTL's, non-NC	36	4086	9	456
8459100000 Way-type unit head machines	11	921	5	197
210080 Other drilling machines, NC	43	4217	3	83
290040 Drilling machines, multiple spindle, non-NC	6	185	0	0
290050 Drilling machines, radial, non-NC	11	130	2	40
290070 Drilling, upright, ex. sensitive, turret & deep hole, non-NC	7	345	4	234
290090 Drilling machines, n.e.c., non-NC	427	2537	131	724
310010 Boring-milling mach., horiz. spind., table, excl. planer, NC	0	0	0	0
310040 Boring-milling mach., horiz. spindle, n.e.c., NC	0	0	0	0
310070 Boring-milling machines, n.e.c., NC	13	834	0	0
390040 Boring-milling mach., horiz. spindle, n.e.c., non-NC	0	0	0	0
390050 Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	17	412	4	183
400040 Boring machines, vertical, NC	0	0	0	0
400050 Boring machines, vertical, non-NC	15	1087	0	0
400070 Boring machines, n.e.c., NC	2	271	0	0
400080 Boring machines, n.e.c., non-NC	9	704	0	0
510080 Milling machines, knee type, NC	5	1626	3	149
590030 Milling machines, knee type, non-NC	105	3946	10	345
610080 Milling machines, excluding knee type, n.e.c., NC	35	12099	4	2027
690050 Milling machines, profile, dup., or die sinking, non-NC	9	668	0	0
690070 Milling machines, bed type, non-NC	2	53	1	27
690090 Milling machines, n.e.c., non-NC	73	4529	16	272
700020 Threading or tapping machines, n.e.c., NC	8	657	0	0
700080 Threading or tapping machines, n.e.c., non-NC	129	1648	42	371
8460110080 Flat surface grinding machines, NC	41	1552	5	124
190010 Flat surface grinding mach., recip.-table type, non-NC	10	115	2	19
190050 Flat surface grinding machines, n.e.c., non-NC	38	5348	0	0
210080 Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	38	11120	15	5679
290010 Grinding mach., external cylindrical, (incl. univ.), non-NC	10	2857	1	75
290030 Grinding machines, internal cylindrical, non-NC	46	3507	0	0
290050 Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	130	7544	22	1453
310080 Sharpening machines (tool & cutter grinding), NC	35	1589	11	393
390050 Sharpening machines (tool & cutter grinding), non-NC	235	1953	24	287
400060 Honing or lapping machines, NC	1	44	0	0
400080 Honing or lapping machines, non-NC	252	3258	28	477
900060 Grinding, honing, polishing, & lapping mach., n.e.c., NC	10	2187	1	228
900080 Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	744	8890	128	1536
8461100060 Planing machines, NC	3	1752	0	0
100080 Planing machines, non-NC	71	1931	8	102
200010 Shaping or slotting machines, NC	13	451	0	0
200090 Shaping or slotting machines, non-NC	17	298	10	45
300060 Broaching machines, NC	50	4311	41	2515
300080 Broaching machines, non-NC	12	1272	3	75
401050 Gear hobbers	9	1081	3	351
401070 Gear shapers	11	1079	2	600
401090 Gear cutting machines, n.e.c.	54	13940	11	1680
405060 Gear grinding or finishing machines	22	3428	0	0
500050 Sawing or cutting-off machines, NC	34	1722	4	90
500090 Sawing or cutting-off machines, non-NC	582	7616	53	486
9000000001 Metal cutting machine tools, n.e.c.	597	10301	72	1412
9800000001 Used or rebuilt machine tools	4320	45700	407	10787
9900000001 Machine tools valued at less than \$3,025	24318	11758	5419	2492

Please see notes on last page
of the metal forming section.

Cutting Total
Y-T-D Cutting Total
NC Y-T-D Cutting Total*

33314 301099
768 124682

6599 69726

U.S. EXPORTS
Metal Cutting Machine Tools - June 92

	Australia		Austria		Belgium		Brazil		Canada	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456300000	0	0	0	0	0	0	0	0	3	490
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	1	227
100035	0	0	0	0	0	0	0	0	0	0
100045	2	379	0	0	0	0	0	0	1	60
200010	0	0	0	0	1	162	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	3	297
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	2	237	2	259
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	1	29
190070	0	0	0	0	0	0	0	0	1	448
190090	0	0	0	0	0	0	0	0	7	374
111060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	2	66
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	1	4
290090	0	0	0	0	0	0	0	0	33	153
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	1	167
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	2	104
590030	2	55	0	0	0	0	0	0	2	62
610080	0	0	0	0	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	3	40
700020	0	0	0	0	0	0	0	0	0	0
700080	1	59	0	0	2	84	0	0	7	115
8460110080	0	0	0	0	0	0	0	0	1	25
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	2	662
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	5	426
310080	0	0	0	0	0	0	0	0	0	0
390050	2	111	0	0	0	0	1	6	13	120
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	2	13	3	243
900060	0	0	0	0	0	0	0	0	1	228
900080	0	0	0	0	0	0	0	0	20	307
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	1	17
300060	0	0	0	0	0	0	0	0	1	667
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	4	90
500090	3	18	0	0	0	0	0	0	11	103
9000000001	1	6	0	0	0	0	14	240	10	189
9800000001	6	26	0	0	5	5	6	49	56	2054
9900000001	80	74	0	0	81	40	0	0	231	263
Month Tot	97	728	0	0	89	290	25	544	429	8287
Y-T-D Tot	444	2505	25	1404	192	1189	316	4820	3626	55149
NC YTD Tot*	8	687	5	1337	5	487	21	2348	162	22215

Please see notes on last page of the metal forming section.

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U.S. EXPORTS
Metal Cutting Machine Tools - June 92

	China		France		Germany **		India		Indonesia	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456300000	0	0	0	0	0	0	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	1	101	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	1	940
8458110010	0	0	0	0	0	0	0	0	0	0
110030	2	240	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	9	42	4	20	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	0	0
610080	1	52	0	0	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	27	97	0	0	0	0
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	1	248	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	1	7	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	1	5	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	2	47	0	0	0	0	1	21	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	22	268	1	28	2	104	1	5	4	41
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	2	16	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	1	18	0	0	2	20	0	0
9000000001	0	0	0	0	0	0	4	45	0	0
9800000001	28	863	0	0	21	940	3	371	4	28
9900000001	5	3	14	9	671	439	4	3	0	0
Month Tot	69	1515	21	322	725	1703	16	472	9	1009
Y-T-D Tot	434	17966	430	3831	1901	10453	244	4450	68	6397
NC YTD Tot*	34	7866	14	1595	29	2512	6	578	3	135

Please see notes on last page of the metal forming section.

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U.S. EXPORTS
Metal Cutting Machine Tools - June 92

	Italy		Japan		Korea		Malaysia		Mexico	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456300000	0	0	3	158	0	0	0	0	1	97
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	2	374	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	7	19592	0	0	3	1691
300090	0	0	0	0	0	0	0	0	6	3032
8458110010	0	0	0	0	0	0	0	0	2	224
110030	0	0	0	0	0	0	0	0	1	42
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	11	491	0	0	0	0	0	0
190090	0	0	0	0	1	50	0	0	4	29
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	5	349
8459100000	0	0	0	0	0	0	0	0	5	197
210080	0	0	0	0	0	0	0	0	2	61
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	1	12
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	13	107	0	0	6	104
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	2	8
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	1	19	0	0	2	50
610080	0	0	0	0	0	0	0	0	3	1975
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	4	124	1	15	0	0	5	30
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	1	4
8460110080	0	0	0	0	0	0	0	0	4	99
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	3	997	0	0	9	3772
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	1	539	0	0	0	0	0	0	2	46
310080	0	0	0	0	1	23	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	9	44	0	0	2	25
900060	0	0	0	0	0	0	0	0	0	0
900080	2	93	11	43	3	23	0	0	11	97
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	1	7
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	9	28
300060	0	0	0	0	0	0	0	0	40	1849
300080	0	0	0	0	0	0	0	0	3	75
401050	0	0	0	0	3	351	0	0	0	0
401070	2	600	0	0	0	0	0	0	0	0
401090	1	927	0	0	0	0	0	0	9	703
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	0	0	5	24	0	0	9	48
9000000001	1	7	11	88	11	409	0	0	0	0
9800000001	11	74	4	29	41	2659	3	3	134	2123
9900000001	45	33	90	23	48	52	6	10	1151	367
Month Tot	63	2274	134	955	149	24738	9	13	1433	17145
Y-T-D Tot	816	10040	1473	19687	873	46060	190	488	7076	49730
NC YTD Tot*	7	2513	53	4318	69	30041	0	0	154	23867

Please see notes on last page of the metal forming section.

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U.S. EXPORTS
Metal Cutting Machine Tools - June 92

	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456300000	0	0	0	0	0	0	0	0	1	84
8457100015	1	155	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	2	877
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	1	57
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	0	0
610080	0	0	0	0	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	1	16	0	0	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	0	0
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290010	1	75	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	6	37
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	1	15	0	0	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	0	0	0	0	8	86	2	69
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	3	26	1	6	0	0	1	3
9000000001	2	27	0	0	0	0	5	55	0	0
9800000001	0	0	0	0	3	231	0	0	1	41
9900000001	27	21	75	58	0	0	16	10	40	56
Month Tot	32	294	79	99	4	237	29	151	54	1224
Y-T-D Tot	331	3264	1362	5220	192	1837	275	3149	1311	11413
NC YTD Tot*	23	1452	8	882	0	0	9	2325	39	9027

Please see notes on last page of the metal forming section.

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U.S. EXPORTS
Metal Cutting Machine Tools - June 92

	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456300000	7	400	1	569	0	0	0	0	0	0
8457100015	0	0	0	0	0	0	1	100	1	523
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	3	293
110030	0	0	1	196	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	1	3	0	0	0	0	2	45
190050	0	0	0	0	0	0	0	0	0	0
190070	2	188	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	2	200
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	2	42
8459100000	0	0	0	0	0	0	0	0	0	0
210080	1	22	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	1	28	0	0
290070	0	0	0	0	0	0	0	0	3	230
290090	0	0	0	0	0	0	0	0	66	298
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	1	8
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	1	46
590030	0	0	0	0	0	0	0	0	3	160
610080	0	0	0	0	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	1	27	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	2	48
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	4	13	0	0
110080	0	0	0	0	0	0	0	0	0	0
8460190010	0	0	0	0	0	0	0	0	2	19
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	8	276	0	0	0	0	5	159
310080	0	0	0	0	0	0	7	251	3	119
390050	0	0	0	0	0	0	0	0	1	8
400060	0	0	0	0	0	0	0	0	0	0
400080	2	18	0	0	0	0	0	0	6	50
900060	0	0	0	0	0	0	0	0	0	0
900080	5	24	2	59	0	0	16	169	18	120
8461100060	0	0	0	0	0	0	0	0	0	0
100080	3	60	0	0	0	0	1	7	1	12
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	1	50
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	1	10	4	39	0	0	1	9	11	161
9000000001	1	14	6	242	0	0	0	0	6	90
9800000001	11	27	6	189	0	0	2	33	62	1044
9900000001	7	4	8	17	0	0	92	54	2728	957
Month Tot	40	767	38	1617	0	0	125	663	2930	4679
Y-T-D Tot	1709	2168	1270	10774	0	0	1963	3437	6793	25668
NC YTD Tot*	14	975	34	4623	0	0	19	887	52	4010

Please see notes on last page of the metal forming section.

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U.S. EXPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
June 92

RELEASED: September 2, 1992

Metal Forming Machine Tools

	TOTAL YTD		TOTAL MO.	
	UNITS	\$000	UNITS	\$000
8454300010 Die casting machines	232	4037	33	563
8462100030 Headers and upsetters, including cold headers	12	7968	6	3799
100050 Forging or die stamping machines, and hammers, n.e.c.	122	12481	37	3356
210080 Bending, folding, straight. or flat. mach., incl presses, NC	252	18001	28	1684
290030 Press brakes, non-NC	93	2721	19	880
290040 Bending rolls, non-NC	43	1650	18	680
290050 Bending, folding, straight., or flat., n.e.c., non-NC	514	17367	54	975
310080 Shearing machines, NC	49	3525	11	1191
390050 Shearing machines, non-NC	217	4192	60	1182
410080 Punching or notching mach., incl. comb. punch & shear, NC	141	14758	35	3123
490050 Punching or notching mach., incl. comb. punch & sh., non-NC	314	9564	48	829
910060 Hydraulic presses, NC	49	2626	27	1564
910090 Hydraulic presses, non-NC	242	7151	52	1120
990030 Presses, n.e.c., NC	78	7669	12	578
990040 Presses, mechanical, non-NC	34	3438	6	1065
990060 Presses, n.e.c., non-NC	536	33647	215	10040
8463100080 Draw benches for bars, tubes, profiles, wire or the like	75	2323	2	68
200080 Thread rolling machines	14	331	1	54
300080 Machines for working wire	346	9310	80	1305
900080 Metal forming machine tools, n.e.c.	822	44858	155	6820
9800000002 Used or rebuilt machine tools	1452	32172	288	3449
9900000002 Machine tools valued at less than \$3,025	7208	5932	1499	1214
Forming Total			2686	45540
Y-T-D Forming Total	12845	245722		
NC Y-T-D Forming Total	569	46579		
Cutting and Forming Totals:				
Monthly Total			9285	115266
Y-T-D Total	46159	546821		
NC Y-T-D Total*	1337	171261		

Other Manufacturing Technology

	TOTAL YTD		TOTAL MO.	
	UNITS	\$000	UNITS	\$000
1000000000 Machine tool parts and accessories	0	394889	0	81412
2000000000 Parts for working rubber or plastics - heading 8477	0	122889	0	19371
2710003070 Quenching or cutting oils	0	3589	0	567
8428900010 Industrial robots for lifting, handling, loading or unload	704	6545	110	513
8431390090 Parts industrial robots, handling and loading - heading 8428	0	58069	0	7472
8456100000 Laser, light or photon beam for working any material	171	10356	21	1103
200000 Ultrasonic process for working any material	9	284	0	0
8477106010 Injection molding mach., for rubber or oth. thermosetting	149	13757	40	4449
106070 Injection molding machines, for thermoplastics	297	40845	40	5133
200005 Extruders; rubber or other thermosetting mat., single screw	26	2138	6	324
200015 Extruders; rubber or thermosetting, other incl. multi. screw	73	10031	10	615
200030 Extruders; thermoplastics, single screw	117	8970	16	815
200060 Extruders; thermoplastics, other incl. multi. screw	40	4045	4	578
300000 Blow molding machines	384	26153	49	2394
400000 Vacuum-molding and other thermoforming machines	920	7375	35	300
510010 Machines for molding or retreading pneumatic tires	2612	17654	164	2481
510090 Machines for molding or otherwise forming inner tubes	466	2980	69	953
590000 Machines for molding or otherwise forming n.e.c.	961	13740	139	2370
800000 Machines for working rubber or plastics n.e.c.	2200	49517	385	9219
8479899040 Industrial robots, n.e.c.	2931	33083	525	6411
908040 Industrial robot parts	0	14850	0	2366
8537100030 Numerical controls for controlling machine tools	937	12846	153	2029
9024100000 Machines and appliances for testing metals	0	29154	0	4994
9031100000 Machines for balancing mechanical parts	0	13422	0	2005
300000 Profile projectors	0	1527	0	208
9032810040 Industrial process control instr., hydraulic or pneumatic	214395	19869	37114	3797

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

* "NC Y-T-D Total" does not include code 8456300000.

Note: "0" in units column with corresponding value means that unit measure is not meaningful.

n.e.c. - Not elsewhere classified.

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Metal Forming

	Australia		Austria		Belgium		Brazil		Canada	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	0	0	0	0	0	0	0	0	0	0
8462100030	0	0	0	0	0	0	1	648	0	0
100050	0	0	0	0	14	892	3	202	4	1248
210080	0	0	0	0	0	0	3	114	2	72
290030	0	0	0	0	0	0	0	0	1	34
290040	0	0	0	0	0	0	0	0	4	43
290050	0	0	0	0	1	7	0	0	27	351
310080	0	0	0	0	0	0	0	0	2	69
390050	0	0	0	0	0	0	0	0	33	821
410080	0	0	0	0	0	0	0	0	0	0
490050	0	0	0	0	0	0	0	0	30	389
910060	0	0	0	0	0	0	15	217	3	94
910090	0	0	0	0	0	0	0	0	2	136
990030	0	0	0	0	0	0	0	0	4	122
990040	2	133	0	0	0	0	0	0	0	0
990060	0	0	0	0	0	0	0	0	10	97
8463100080	0	0	0	0	1	16	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	2	41	4	55
900080	26	648	0	0	0	0	0	0	17	585
9800000002	4	328	0	0	0	0	0	0	29	294
9900000002	34	27	0	0	141	88	24	20	294	267
Month Tot	66	1136	0	0	157	1004	48	1242	466	4678
Y-T-D Tot	226	2055	73	975	449	8401	272	5411	1923	30744
NC YTD Tot	2	113	0	0	4	154	27	536	65	5132
C&F Month	163	1865	0	0	246	1294	73	1786	895	12966
C&F Y-T-D	670	4561	98	2380	641	9590	588	10231	5549	85893
C&F NC YTD*	10	800	5	1337	9	641	48	2884	227	27347

Other Manufacturing Technology

1000000000	0	968	0	173	0	917	0	620	0	11671
2000000000	0	164	0	225	0	167	0	444	0	5368
2710003070	0	0	0	0	0	98	0	9	0	151
8428900010	0	0	0	0	0	0	0	0	28	277
8431390090	0	72	0	3	0	20	0	70	0	1677
8456100000	0	0	0	0	0	0	0	0	2	105
200000	0	0	0	0	0	0	0	0	0	0
8477106010	1	170	0	0	0	0	2	150	6	341
106070	0	0	0	0	0	0	0	0	14	1772
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	7	344
200030	5	220	0	0	0	0	0	0	0	0
200060	0	0	0	0	0	0	0	0	1	98
300000	9	91	0	0	0	0	8	626	1	324
400000	15	102	0	0	0	0	0	0	2	44
510010	15	79	0	0	15	101	0	0	1	26
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	0	0	18	280	0	0	3	45
800000	2	380	0	0	0	0	13	3809	94	1448
8479899040	1	30	0	0	0	0	2	14	391	2348
908040	0	0	0	0	0	5	0	8	0	749
8537100030	2	25	2	31	8	109	0	0	5	49
9024100000	0	45	0	7	0	32	0	39	0	1008
9031100000	0	72	0	0	0	0	0	54	0	879
300000	0	3	0	0	0	0	0	0	0	4
9032810040	2076	142	257	88	883	65	345	46	1587	105

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

* "C&F NC YTD" does not include code 8456300000.

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Metal Forming

	China		France		Germany **		India		Indonesia	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	0	0	2	245	2	19	0	0	0	0
8462100030	0	0	0	0	1	379	0	0	0	0
100050	1	40	1	36	0	0	0	0	1	57
210080	0	0	0	0	1	40	1	44	0	0
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	2	35	3	64	0	0	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
410080	0	0	0	0	0	0	0	0	0	0
490050	0	0	2	150	1	53	0	0	0	0
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	0	0	0	0	1	55	0	0
990030	0	0	0	0	1	180	0	0	0	0
990040	1	35	0	0	0	0	0	0	0	0
990060	0	0	0	0	9	2268	0	0	12	342
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	3	47	0	0	0	0
900080	0	0	0	0	9	80	2	9	0	0
9800000002	2	8	4	16	1	82	0	0	0	0
9900000002	0	0	15	12	185	126	0	0	0	0
Month Tot	4	83	26	495	216	3338	4	109	13	399
Y-T-D Tot	127	7682	252	8356	710	19650	120	703	45	1199
NC YTD Tot	16	1747	4	652	9	1034	2	90	0	0
C&F Month	73	1597	47	817	941	5042	20	581	22	1408
C&F Y-T-D	561	25648	682	12186	2611	30103	364	5154	113	7596
C&F NC YTD*	50	9613	18	2247	38	3545	8	668	3	135

Other Manufacturing Technology

1000000000	0	1525	0	1506	0	5088	0	446	0	544
2000000000	0	9	0	250	0	1920	0	170	0	62
2710003070	0	7	0	0	0	17	0	0	0	0
8428900010	0	0	0	0	5	126	0	0	0	0
8431390090	0	501	0	49	0	85	0	7	0	320
8456100000	0	0	2	259	5	390	0	0	0	0
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	2	235	1	80	0	0	0	0
106070	0	0	0	0	10	980	0	0	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200030	0	0	0	0	1	29	0	0	0	0
200060	1	405	0	0	0	0	0	0	0	0
300000	0	0	6	105	6	137	0	0	0	0
400000	0	0	0	0	0	0	0	0	0	0
510010	0	0	0	0	0	0	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	26	217	1	216	3	49	0	0	0	0
800000	0	0	3	34	1	9	0	0	0	0
8479899040	0	0	13	435	25	553	0	0	0	0
908040	0	100	0	167	0	113	0	0	0	0
8537100030	10	169	15	168	9	127	0	0	0	0
9024100000	0	5	0	114	0	185	0	33	0	0
9031100000	0	0	0	26	0	3	0	0	0	0
300000	0	0	0	0	0	0	0	0	0	0
9032810040	0	0	4510	331	938	132	5	3	0	0

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

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Metal Forming	Italy		Japan		Korea		Malaysia		Mexico	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	20	225	0	0	3	36	0	0	0	0
8462100030	0	0	1	1469	0	0	0	0	1	366
100050	1	111	2	105	8	539	0	0	0	0
210080	4	174	1	29	6	764	0	0	4	187
290030	0	0	0	0	8	310	0	0	8	420
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	2	67	0	0	0	0	5	223
310080	0	0	0	0	0	0	0	0	7	1028
390050	2	40	1	4	2	25	0	0	3	22
410080	1	58	1	25	3	577	3	329	11	839
490050	1	17	0	0	0	0	0	0	3	51
910060	0	0	0	0	7	75	0	0	1	1168
910090	0	0	4	50	0	0	0	0	26	353
990030	0	0	0	0	0	0	0	0	0	0
990040	0	0	2	606	0	0	0	0	0	0
990060	0	0	5	121	1	325	0	0	159	6264
8463100080	0	0	0	0	0	0	0	0	1	52
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	8	211	0	0	0	0	4	54
900080	2	44	5	119	29	3255	0	0	11	134
9800000002	3	51	1	50	4	70	0	0	97	828
9900000002	2	3	107	47	24	23	0	0	289	283
Month Tot	36	722	140	2901	95	5999	3	329	630	12272
Y-T-D Tot	383	10429	780	15395	423	20450	48	1343	3142	44655
NC YTD Tot	72	5444	16	2300	60	6619	10	784	79	7463
C&F Month	99	2995	274	3857	244	30738	12	342	2063	29416
C&F Y-T-D	1199	20469	2253	35082	1296	66510	238	1831	10218	94385
C&F NC YTD*	79	7957	69	6618	129	36660	10	784	233	31331

Other Manufacturing Technology

1000000000	0	1842	0	8736	0	4034	0	313	0	22958
2000000000	0	261	0	1113	0	163	0	127	0	1665
2710003070	0	15	0	9	0	6	0	0	0	15
8428900010	3	33	1	10	0	0	1	12	0	0
8431390090	0	28	0	838	0	343	0	0	0	591
8456100000	1	30	1	16	1	19	0	0	0	0
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	0	0	0	0	0	0	10	1099
106070	0	0	3	246	1	150	0	0	1	1085
200005	0	0	0	0	0	0	0	0	6	324
200015	0	0	0	0	0	0	0	0	3	271
200030	0	0	0	0	1	326	1	25	6	159
200060	0	0	0	0	0	0	0	0	1	50
300000	0	0	4	69	0	0	0	0	6	904
400000	0	0	2	23	0	0	0	0	2	74
510010	0	0	11	275	1	18	0	0	3	165
510090	13	315	11	272	0	0	0	0	1	15
590000	6	93	13	231	10	242	1	22	1	131
800000	24	848	0	0	8	428	27	148	73	1328
8479899040	31	222	20	2052	1	59	0	0	8	109
908040	0	17	0	876	0	0	0	0	0	49
8537100030	2	62	3	28	18	276	0	0	1	9
9024100000	0	158	0	1138	0	298	0	0	0	117
9031100000	0	19	0	10	0	150	0	0	0	632
300000	0	10	0	0	0	19	0	0	0	0
9032810040	2741	287	1021	121	858	66	0	0	293	69

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

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	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	0	0	0	0	0	0	0	0	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	3	160
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	1	500
290050	1	15	0	0	1	16	1	18	0	0
310080	2	95	0	0	0	0	0	0	0	0
390050	0	0	2	26	0	0	0	0	0	0
410080	3	350	5	170	0	0	0	0	1	149
490050	1	5	3	43	0	0	0	0	2	14
910060	0	0	0	0	1	10	0	0	0	0
910090	0	0	0	0	0	0	0	0	13	436
990030	0	0	0	0	0	0	0	0	1	41
990040	0	0	0	0	0	0	0	0	0	0
990060	0	0	0	0	0	0	0	0	7	186
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	1	12	0	0	0	0	0	0	0	0
900080	4	31	10	373	0	0	0	0	3	367
9800000002	0	0	4	30	0	0	0	0	0	0
9900000002	21	18	7	6	10	4	34	29	17	11
Month Tot	33	525	31	648	12	31	35	47	48	1365
Y-T-D Tot	134	2475	274	5724	51	1089	260	1595	165	8648
NC YTD Tot	12	1695	44	1521	7	334	12	1003	27	2205
C&F Month	65	819	110	747	16	268	64	198	102	3088
C&F Y-T-D	465	5738	1636	10945	243	2926	535	4744	1476	20061
C&F NC YTD*	35	3147	52	2403	7	334	21	3328	66	11232

Other Manufacturing Technology

1000000000	0	1130	0	810	0	331	0	789	0	2330
2000000000	0	237	0	400	0	146	0	106	0	144
2710003070	0	18	0	54	0	0	0	0	0	11
8428900010	0	0	3	25	0	0	0	0	0	0
8431390090	0	50	0	94	0	7	0	34	0	43
8456100000	6	122	0	0	0	0	1	120	0	0
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	0	0	1	70	0	0	0	0
106070	1	109	0	0	0	0	0	0	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200030	0	0	0	0	0	0	0	0	0	0
200060	0	0	0	0	0	0	0	0	0	0
300000	0	0	6	103	0	0	0	0	0	0
400000	0	0	0	0	0	0	0	0	0	0
510010	76	222	0	0	0	0	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	0	0	4	380	0	0	1	6
800000	3	45	43	79	2	25	0	0	4	5
8479899040	20	122	1	32	0	0	0	0	2	49
908040	0	15	0	8	0	0	0	11	0	0
8537100030	3	47	1	9	0	0	0	0	30	398
9024100000	0	32	0	373	0	39	0	10	0	105
9031100000	0	0	0	16	0	0	0	0	0	0
300000	0	19	0	19	0	0	0	22	0	83
9032810040	1237	593	1260	105	286	73	284	26	1268	83

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

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	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	0	0	0	0	0	0	1	6	5	31
8462100030	0	0	2	938	0	0	0	0	0	0
100050	1	47	1	79	0	0	0	0	0	0
210080	0	0	2	53	0	0	0	0	1	47
290030	0	0	0	0	0	0	0	0	2	117
290040	0	0	12	94	0	0	0	0	1	43
290050	0	0	6	65	0	0	0	0	5	114
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	16	236	0	0	0	0	1	8
410080	1	194	2	52	0	0	0	0	4	380
490050	0	0	3	46	0	0	0	0	2	60
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	0	0	0	0	0	0	6	90
990030	0	0	0	0	0	0	0	0	6	234
990040	0	0	1	291	0	0	0	0	0	0
990060	0	0	2	20	0	0	2	215	8	202
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	1	54
300080	0	0	0	0	0	0	3	311	55	574
900080	2	59	6	212	0	0	1	81	28	822
9800000002	1	9	16	397	0	0	7	128	115	1159
9900000002	0	0	129	108	0	0	15	17	151	125
Month Tot	5	309	198	2593	0	0	29	758	391	4058
Y-T-D Tot	101	4975	869	14085	13	244	156	3105	1849	26336
NC YTD Tot	3	1131	33	2382	0	0	0	0	65	4242
C&F Month	45	1075	236	4210	0	0	154	1421	3321	8737
C&F Y-T-D	1810	7143	2139	24859	13	244	2119	6542	8642	52004
C&F NC YTD*	17	2106	67	7005	0	0	19	887	117	8252

Other Manufacturing Technology

1000000000	0	451	0	4896	0	22	0	377	0	8934
2000000000	0	847	0	796	0	0	0	845	0	3740
2710003070	0	10	0	3	0	0	0	0	0	142
8428900010	0	0	3	20	0	0	0	0	66	11
8431390090	0	51	0	142	0	0	0	289	0	2058
8456100000	0	0	1	19	0	0	0	0	1	22
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	2	148	0	0	7	1602	8	554
106070	0	0	2	302	0	0	0	0	8	489
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200030	1	14	0	0	0	0	0	0	1	42
200060	0	0	0	0	0	0	0	0	1	25
300000	0	0	0	0	0	0	0	0	3	35
400000	0	0	0	0	0	0	0	0	14	56
510010	0	0	0	0	0	0	7	164	35	1430
510090	20	76	1	5	0	0	1	133	22	137
590000	10	104	19	238	0	0	0	0	23	118
800000	1	11	17	312	0	0	5	32	65	278
8479899040	0	0	5	249	0	0	0	0	5	135
908040	0	0	0	137	0	0	0	12	0	100
8537100030	1	12	32	392	0	0	0	0	11	119
9024100000	0	66	0	470	0	0	0	45	0	675
9031100000	0	0	0	10	0	0	0	45	0	89
300000	0	0	0	18	0	0	0	0	0	10
9032810040	0	0	2604	390	0	0	1656	174	13005	898

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

* "C&F NC YTD" does not include code 8456300000.

Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. EXPORTS
Metal Cutting and Metal Forming Machine Tool Totals
June 92

	- METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
EUROPE						
Bulgaria	0	0	0	0	0	0
Czechoslovakia	4	142	4	94	8	236
Denmark	1	523	9	7	10	530
Finland	68	153	0	0	68	153
Greece	6	100	36	54	42	154
Hungary	0	0	0	0	0	0
Iceland	0	0	0	0	0	0
Ireland	2	20	1	12	3	32
Luxembourg	0	0	0	0	0	0
Norway	4	51	0	0	4	51
Poland	2	5	6	41	8	46
Portugal	2	18	2	9	4	27
Romania	0	0	0	0	0	0
Sweden	2	635	1	3	3	638
Turkey	0	0	4	301	4	301
Yugoslavia	0	0	0	0	0	0
Oth Europe	2	200	7	180	9	380
TOTAL	1094	8734	783	9457	1877	18191
	=====	=====	=====	=====	=====	=====
NORTH AND CENTRAL AMERICA						
Bahamas	0	0	0	0	0	0
Barbados	0	0	0	0	0	0
Belize	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0
Costa Rica	3	8	11	32	14	40
Dominican Rep	4	7	1	300	5	307
El Salvador	8	130	0	0	8	130
Guatemala	1	6	4	8	5	13
Haiti	0	0	0	0	0	0
Honduras	13	12	2	108	15	120
Jamaica	0	0	61	46	61	46
Panama	0	0	2	35	2	35
Trinidad	0	0	3	3	3	3
Oth N & C Am.	6	7	0	0	6	7
TOTAL	1897	25601	1180	17481	3077	43082
	=====	=====	=====	=====	=====	=====
SOUTH AMERICA						
Argentina	1740	618	18	250	1758	869
Bolivia	1	3	0	0	1	3
Chile	12	169	20	258	32	427
Colombia	332	374	8	61	340	435
Ecuador	2	4	26	71	28	74
Paraguay	7	4	0	0	7	4
Peru	2	45	1	9	3	54
Uruguay	2	9	1	6	3	14
Oth South Am.	0	0	0	0	0	0
TOTAL	2248	2433	151	2655	2399	5088
	=====	=====	=====	=====	=====	=====
OCEANIA						
New Zealand	8	42	7	25	15	67
Oth Oceania	0	0	1	10	1	10
TOTAL	105	770	74	1171	179	1942
	=====	=====	=====	=====	=====	=====

U.S. EXPORTS
Metal Cutting and Metal Forming Machine Tool Totals
June 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
ASIA						
Bangladesh	0	0	0	0	0	0
Hong Kong	146	434	71	947	217	1382
Iran	0	0	6	5	6	5
Iraq	0	0	0	0	0	0
Israel	13	61	8	142	21	202
Jordan	0	0	1	38	1	38
Kuwait	415	98	0	0	415	98
Laos	0	0	0	0	0	0
Lebanon	0	0	1	14	1	14
Macao	0	0	0	0	0	0
Oman	2	6	0	0	2	6
Pakistan	13	62	0	0	13	62
Philippines	57	244	4	332	61	577
Qatar	0	0	0	0	0	0
Saudi Arabia	12	341	33	273	45	614
Sri Lanka	0	0	0	0	0	0
Syria	0	0	0	0	0	0
United Arab Emr	22	51	3	59	25	110
Vietnam	0	0	0	0	0	0
Oth Asia	0	0	0	0	0	0
TOTAL	1239	32088	470	14451	1709	46539
	=====	=====	=====	=====	=====	=====
AFRICA						
Algeria	0	0	0	0	0	0
Botswana	0	0	0	0	0	0
Egypt	1	26	0	0	1	26
Ethiopia	0	0	0	0	0	0
Gabon	0	0	0	0	0	0
Ghana	1	3	1	3	2	6
Guinea	0	0	0	0	0	0
Kenya	0	0	0	0	0	0
Malawi	0	0	0	0	0	0
Mauritius	0	0	0	0	0	0
Morocco	0	0	2	57	2	57
Niger	0	0	0	0	0	0
Nigeria	1	23	1	8	2	31
South Africa	13	48	23	130	36	177
Sudan	0	0	0	0	0	0
Swaziland	0	0	0	0	0	0
Tunisia	0	0	1	128	1	128
Zaire	0	0	0	0	0	0
Zambia	0	0	0	0	0	0
Zimbabwe	0	0	0	0	0	0
Oth Africa	0	0	0	0	0	0
TOTAL	16	99	28	325	44	424
	=====	=====	=====	=====	=====	=====

Note: Region totals include top countries detailed by product as well as countries listed above.

** West and East Germany are combined.

Cutting Section Notes:

Total for Metal Cutting and Metal Forming appears in Metal Forming Section.
Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the
total of codes: 8461900040 and 8461900080.
n.e.c. - Not elsewhere classified.

* "NC Y-T-D Cutting Total" does not include code 8456300000.

U.S. EXPORTS
Metal Cutting Machine Tools - January 92 - June 92

RELEASED: September 2, 1992

	UNITS	TOTAL YTD \$000
8456300000 Electro-discharge machines	89	6911
8457100015 Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	30	3520
100025 Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	12	2822
100035 Horizontal machining centers, ATC	14	3738
100045 Machining centers, n.e.c.	91	10637
200010 Unit construction mach. (single station transfer), NC	5	1556
200090 Unit construction mach. (single station transfer), non-NC	8	5850
300010 Multi-station transfer machines, NC	19	27840
300090 Multi-station transfer machines, non-NC	34	12834
8458110010 Horizontal lathes, multiple spindle, NC	35	3344
110030 Horiz. lathes, power rating under 18.65 kW (25 HP), NC	46	6189
110050 Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	20	4425
110090 Horiz. lathes, power rating over 37.3 kW (50 HP), NC	17	4286
190030 Horizontal engine or toolroom lathes, non-NC	22	530
190050 Automatic bar and/or chucking mach., single spindle, non-NC	5	198
190070 Automatic bar and/or chucking mach., mult. spindle, non-NC	57	3048
190090 Horizontal lathes, n.e.c., non-NC	120	2088
911060 Vertical turret lathes, multiple spindle, NC	1	84
911080 Vertical turret lathes, n.e.c., NC	4	855
915050 Vertical lathes, excl. VTL's, multiple spindle, NC	0	0
915070 Vertical lathes, excluding VTL's, n.e.c., NC	10	2261
991050 Vertical turret lathes, non-NC	9	525
995090 Vertical lathes, n.e.c., excl. VTL's, non-NC	36	4086
8459100000 Way-type unit head machines	11	921
210080 Other drilling machines, NC	43	4217
290040 Drilling machines, multiple spindle, non-NC	6	185
290050 Drilling machines, radial, non-NC	11	130
290070 Drilling, upright, ex. sensitive, turret & deep hole, non-NC	7	345
290090 Drilling machines, n.e.c., non-NC	427	2537
310010 Boring-milling mach., horiz. spind., table, excl. planer, NC	0	0
310040 Boring-milling mach., horiz. spindle, n.e.c., NC	0	0
310070 Boring-milling machines, n.e.c., NC	13	834
390040 Boring-milling mach., horiz. spindle, n.e.c., non-NC	0	0
390050 Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	17	412
400040 Boring machines, vertical, NC	0	0
400050 Boring machines, vertical, non-NC	15	1087
400070 Boring machines, n.e.c., NC	2	271
400080 Boring machines, n.e.c., non-NC	9	704
510080 Milling machines, knee type, NC	5	1626
590030 Milling machines, knee type, non-NC	105	3946
610080 Milling machines, excluding knee type, n.e.c., NC	35	12099
690050 Milling machines, profile, dup., or die sinking, non-NC	9	668
690070 Milling machines, bed type, non-NC	2	53
690090 Milling machines, n.e.c., non-NC	73	4529
700020 Threading or tapping machines, n.e.c., NC	8	657
700080 Threading or tapping machines, n.e.c., non-NC	129	1648
8460110080 Flat surface grinding machines, NC	41	1552
190010 Flat surface grinding mach., recip.-table type, non-NC	10	115
190050 Flat surface grinding machines, n.e.c., non-NC	38	5348
210080 Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	38	11120
290010 Grinding mach., external cylindrical, (incl. univ.), non-NC	10	2857
290030 Grinding machines, internal cylindrical, non-NC	46	3507
290050 Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	130	7544
310080 Sharpening machines (tool & cutter grinding), NC	35	1589
390050 Sharpening machines (tool & cutter grinding), non-NC	235	1953
400060 Honing or lapping machines, NC	1	44
400080 Honing or lapping machines, non-NC	252	3258
900060 Grinding, honing, polishing, & lapping mach., n.e.c., NC	10	2187
900080 Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	744	8890
8461100060 Planing machines, NC	3	1752
100080 Planing machines, non-NC	71	1931
200010 Shaping or slotting machines, NC	13	451
200090 Shaping or slotting machines, non-NC	17	298
300060 Broaching machines, NC	50	4311
300080 Broaching machines, non-NC	12	1272
401050 Gear hobbers	9	1081
401070 Gear shapers	11	1079
401090 Gear cutting machines, n.e.c.	54	13940
405060 Gear grinding or finishing machines	22	3428
500050 Sawing or cutting-off machines, NC	34	1722
500090 Sawing or cutting-off machines, non-NC	582	7616
9000000001 Metal cutting machine tools, n.e.c.	597	10301
9800000001 Used or rebuilt machine tools	4320	45700
9900000001 Machine tools valued at less than \$3,025	24318	11758

Please see notes on last page
of the metal forming section.

Y-T-D Cutting Total
NC Y-T-D Cutting Total*

33314 301099
768 124682

U.S. EXPORTS
Metal Cutting Machine Tools - January 92 - June 92

	Australia		Austria		Belgium		Brazil		Canada	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
845630000	0	0	0	0	2	75	2	148	8	1062
8457100015	0	0	0	0	0	0	1	213	3	546
100025	0	0	0	0	0	0	0	0	7	1267
100035	0	0	0	0	2	250	0	0	2	490
100045	5	597	0	0	0	0	0	0	18	2926
200010	0	0	0	0	1	162	0	0	0	0
200090	0	0	0	0	0	0	0	0	5	5448
300010	0	0	0	0	0	0	0	0	1	589
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	1	47	15	1412
110030	0	0	0	0	0	0	0	0	4	448
110050	0	0	0	0	0	0	0	0	15	2417
110090	0	0	2	743	0	0	2	237	9	2062
190030	0	0	0	0	0	0	0	0	3	98
190050	0	0	0	0	0	0	0	0	4	56
190070	0	0	0	0	0	0	0	0	20	1222
190090	12	155	0	0	0	0	0	0	24	768
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	1	171
991050	0	0	0	0	0	0	0	0	4	112
995090	0	0	0	0	0	0	0	0	4	121
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	10	1603
290040	0	0	0	0	0	0	0	0	2	94
290050	0	0	0	0	0	0	0	0	6	51
290070	0	0	0	0	0	0	0	0	3	43
290090	0	0	0	0	0	0	13	86	160	967
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	2	97	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	1	167
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	4	734
400070	0	0	0	0	0	0	1	104	1	168
400080	0	0	0	0	0	0	0	0	2	58
510080	0	0	0	0	0	0	1	1350	3	230
590030	15	566	0	0	1	19	1	58	10	313
610080	0	0	0	0	0	0	0	0	3	509
690050	0	0	0	0	0	0	0	0	2	419
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	9	176
700020	0	0	0	0	0	0	0	0	0	0
700080	1	59	0	0	9	512	1	15	27	318
8460110080	1	26	0	0	0	0	0	0	2	57
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	1	497	0	0	0	0	7	1697
290010	0	0	0	0	0	0	1	660	6	1582
290030	0	0	0	0	0	0	24	915	0	0
290050	2	78	0	0	0	0	0	0	19	802
310080	2	64	0	0	0	0	2	68	0	0
390050	6	146	0	0	0	0	15	96	84	644
400060	0	0	0	0	0	0	0	0	1	44
400080	5	34	0	0	1	5	2	13	43	691
900060	0	0	0	0	0	0	1	50	8	2108
900080	6	51	0	0	0	0	12	127	121	1240
8461100060	0	0	0	0	0	0	0	0	0	0
100080	3	79	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	10	132	1	128
200090	0	0	0	0	0	0	0	0	4	65
300060	0	0	0	0	0	0	0	0	4	735
300080	0	0	0	0	0	0	0	0	1	98
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	1	39
401090	1	53	0	0	0	0	1	64	0	0
405060	0	0	0	0	0	0	0	0	1	62
500050	0	0	0	0	0	0	0	0	24	1139
500090	5	28	1	16	0	0	2	10	127	1350
9000000001	4	36	1	16	0	0	15	246	126	1833
9800000001	38	242	3	26	9	27	15	133	1438	12384
9900000001	338	291	15	9	167	138	193	49	1218	1386
Y-T-D Tot	444	2505	25	1404	192	1189	316	4820	3626	55149
NC YTD Tot*	8	687	5	1337	5	487	21	2348	162	22215

Please see notes on last page of the metal forming section.

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U.S. EXPORTS
Metal Cutting Machine Tools - January 92 - June 92

	China		France		Germany **		India		Indonesia	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456300000	0	0	3	295	15	979	0	0	0	0
8457100015	17	1126	0	0	0	0	0	0	0	0
100025	0	0	0	0	1	93	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	4	1044	0	0	3	271	0	0	0	0
200010	0	0	1	195	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	2	623	0	0	0	0	2	5355
8458110010	0	0	0	0	0	0	0	0	0	0
110030	4	480	5	589	1	139	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	1	90	0	0	0	0	0	0
190090	0	0	0	0	1	11	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	1	118	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	2	1290	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	4	2646	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	1	90	0	0	1	135
210080	3	194	0	0	2	118	1	40	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	9	42	7	36	3	13	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	3	135
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	1	35	1	160	0	0	0	0
610080	3	3206	1	96	1	267	3	92	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	1	38	3	906	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	29	312	0	0	0	0
8460110080	0	0	0	0	3	84	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	1	124	0	0
210080	1	527	1	248	2	549	2	446	0	0
290010	1	515	0	0	0	0	0	0	0	0
290030	2	499	0	0	8	214	11	1858	0	0
290050	10	1537	1	600	4	50	10	870	0	0
310080	0	0	2	54	0	0	0	0	0	0
390050	0	0	2	15	7	45	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	19	448	8	48	42	547	4	54	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	31	384	16	188	66	1176	6	36	4	41
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	6	41	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	3	1061	0	0	1	11	0	0	0	0
401050	0	0	0	0	1	28	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	9	1183	0	0	0	0	1	44	0	0
405060	0	0	0	0	1	10	0	0	4	48
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	6	65	65	783	4	71	4	35
9000000001	9	149	1	6	14	176	4	45	20	565
9800000001	76	1407	29	396	68	2564	149	732	8	57
9900000001	227	229	341	95	1552	815	48	38	22	26
Y-T-D Tot	434	17966	430	3831	1901	10453	244	4450	68	6397
NC YTD Tot*	34	7866	14	1595	29	2512	6	578	3	135

Please see notes on last page of the metal forming section.

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U.S. EXPORTS
Metal Cutting Machine Tools - January 92 - June 92

	Italy		Japan		Korea		Malaysia		Mexico	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456300000	0	0	16	839	2	502	0	0	3	208
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	1	211	0	0	0	0
100035	1	191	0	0	7	1837	0	0	0	0
100045	0	0	0	0	37	3040	0	0	10	630
200010	1	958	0	0	0	0	0	0	1	103
200090	2	304	0	0	0	0	0	0	1	97
300010	1	985	0	0	7	19592	0	0	10	6674
300090	0	0	6	713	0	0	0	0	8	4551
8458110010	0	0	0	0	0	0	0	0	11	1118
110030	1	45	1	144	2	136	0	0	4	325
110050	0	0	0	0	4	1739	0	0	0	0
110090	0	0	0	0	0	0	0	0	3	540
190030	0	0	2	113	0	0	0	0	6	62
190050	0	0	0	0	0	0	0	0	1	142
190070	0	0	23	814	0	0	0	0	6	415
190090	1	230	1	5	2	58	0	0	46	431
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	3	737
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	3	493	0	0	0	0	2	111
991050	0	0	0	0	0	0	0	0	5	413
995090	0	0	3	39	0	0	0	0	16	930
8459100000	0	0	0	0	0	0	0	0	6	317
210080	0	0	0	0	2	154	0	0	11	579
290040	0	0	0	0	0	0	0	0	4	91
290050	0	0	0	0	0	0	0	0	3	35
290070	0	0	0	0	0	0	0	0	0	0
290090	3	14	83	371	31	192	0	0	31	403
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	4	302
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	15	238
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	4	63
400070	0	0	0	0	0	0	0	0	0	0
400080	1	119	0	0	0	0	0	0	6	527
510080	0	0	0	0	0	0	0	0	0	0
590030	1	20	4	433	2	69	0	0	3	83
610080	1	183	0	0	1	65	0	0	7	3353
690050	0	0	0	0	0	0	0	0	4	29
690070	0	0	0	0	0	0	0	0	1	25
690090	0	0	12	241	1	15	0	0	26	283
700020	0	0	1	327	0	0	0	0	5	274
700080	0	0	0	0	0	0	0	0	18	106
8460110080	2	151	4	198	0	0	0	0	11	468
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	3	941	11	1681	3	311	4	504
210080	0	0	4	1166	3	997	0	0	13	4499
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	1	20
290050	2	643	0	0	1	41	0	0	35	1149
310080	0	0	5	689	2	47	0	0	2	53
390050	0	0	54	354	23	264	2	13	18	160
400060	0	0	0	0	0	0	0	0	0	0
400080	7	68	2	15	11	65	1	7	7	142
900060	0	0	0	0	0	0	0	0	0	0
900080	13	219	39	419	45	597	0	0	84	1174
8461100060	0	0	0	0	1	1722	0	0	2	30
100080	0	0	22	1235	1	12	0	0	3	49
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	1	75	0	0	10	147
300060	0	0	0	0	0	0	0	0	46	3576
300080	0	0	0	0	1	11	0	0	3	75
401050	0	0	0	0	3	351	0	0	4	140
401070	2	600	0	0	8	440	0	0	0	0
401090	4	3371	7	4308	2	891	0	0	15	1220
405060	0	0	2	820	12	2413	0	0	2	74
500050	0	0	0	0	0	0	0	0	6	288
500090	4	45	65	1148	34	558	5	29	77	998
9000000001	1	7	127	2320	31	762	0	0	28	608
9800000001	413	1614	22	1258	166	7171	3	3	1275	8327
9900000001	355	272	962	286	418	354	176	125	5146	1832
Y-T-D Tot	816	10040	1473	19687	873	46060	190	488	7076	49730
NC YTD Tot*	7	2513	53	4318	69	30041	0	0	154	23867

Please see notes on last page of the metal forming section.

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U.S. EXPORTS
Metal Cutting Machine Tools - January 92 - June 92

	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456300000	14	795	0	0	0	0	6	336	8	483
8457100015	2	306	4	564	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	2	877
100035	0	0	0	0	0	0	1	463	0	0
100045	0	0	0	0	0	0	1	1426	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	1	108	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	0	0	0	0	0	0	11	2564
110050	0	0	0	0	0	0	0	0	1	269
110090	0	0	0	0	0	0	0	0	1	-704
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	1	112	0	0	0	0	4	208
190090	0	0	0	0	0	0	1	3	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	1	150
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	2	220
210080	0	0	0	0	0	0	0	0	8	509
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	2	30
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	5	159	0	0	2	33	0	0	2	53
610080	0	0	4	319	0	0	0	0	5	3405
690050	0	0	0	0	0	0	3	220	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	1	16	0	0	2	78	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	6	66	0	0	0	0
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	1	3	0	0	0	0	1	12
190050	0	0	9	1356	0	0	0	0	0	0
210080	2	248	0	0	0	0	1	100	0	0
290010	1	75	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	8	300	0	0	0	0	0	0	12	403
310080	0	0	0	0	0	0	0	0	2	66
390050	2	16	4	29	0	0	3	12	6	37
400060	0	0	0	0	0	0	0	0	0	0
400080	8	61	16	241	2	14	9	85	4	46
900060	0	0	0	0	0	0	0	0	0	0
900080	6	42	10	82	1	10	10	102	7	120
8461100060	0	0	0	0	0	0	0	0	0	0
100080	7	63	0	0	0	0	2	27	0	0
200010	1	18	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	1	1135	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	61	804	13	231	3	28	1	3	16	100
9000000001	19	209	15	96	4	39	16	164	20	184
9800000001	18	20	22	1532	8	260	7	71	20	279
9900000001	176	133	1263	657	162	66	214	135	1176	693
Y-T-D Tot	331	3264	1362	5220	192	1837	275	3149	1311	11413
NC YTD Tot*	23	1452	8	882	0	0	9	2325	39	9027

Please see notes on last page of the metal forming section.

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U.S. EXPORTS
Metal Cutting Machine Tools - January 92 - June 92

	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456300000	7	400	1	569	0	0	0	0	2	221
8457100015	0	0	1	143	0	0	1	100	1	523
100025	0	0	1	374	0	0	0	0	0	0
100035	0	0	1	506	0	0	0	0	0	0
100045	2	126	0	0	0	0	3	102	8	476
200010	0	0	1	138	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	3	380	0	0	0	0	12	1105
8458110010	0	0	0	0	0	0	1	125	7	642
110030	1	60	8	860	0	0	1	116	3	285
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	1	3	0	0	3	64	7	190
190050	0	0	0	0	0	0	0	0	0	0
190070	2	188	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	32	426
911060	0	0	0	0	0	0	0	0	1	84
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	1	48	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	4	91	0	0	0	0	5	259
8459100000	0	0	0	0	0	0	0	0	1	159
210080	1	22	2	891	0	0	1	26	2	81
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	1	28	1	17
290070	0	0	0	0	0	0	0	0	4	302
290090	0	0	2	10	0	0	2	27	83	375
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	1	192	0	0	1	50	2	59
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	1	8
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	4	233	1	26
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	1	46
590030	0	0	3	88	0	0	0	0	54	1858
610080	0	0	2	223	0	0	0	0	4	382
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	1	27	0	0	0	0	0	0
690090	0	0	0	0	0	0	2	73	16	2704
700020	0	0	1	31	0	0	0	0	1	25
700080	0	0	2	11	0	0	16	125	20	125
8460110080	1	21	7	243	0	0	0	0	10	304
190010	1	19	0	0	0	0	0	0	7	80
190050	0	0	0	0	0	0	0	0	7	432
210080	0	0	1	146	0	0	0	0	0	0
290010	0	0	1	25	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	10	382	0	0	0	0	16	688
310080	0	0	2	40	0	0	10	322	6	186
390050	0	0	2	11	0	0	0	0	7	111
400060	0	0	0	0	0	0	0	0	0	0
400080	33	372	1	16	0	0	0	0	27	284
900060	0	0	0	0	0	0	0	0	1	30
900080	11	75	33	518	0	0	108	1129	115	1160
8461100060	0	0	0	0	0	0	0	0	0	0
100080	6	106	5	71	0	0	1	7	15	241
200010	1	173	0	0	0	0	0	0	0	0
200090	0	0	2	11	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	3	16	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	1	562
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	1	172	0	0	1	41	11	1457
405060	0	0	0	0	0	0	0	0	0	0
500050	1	173	1	75	0	0	0	0	2	47
500090	2	20	23	251	0	0	1	9	63	1035
9000000001	8	109	71	1102	0	0	10	120	53	1509
9800000001	47	157	157	2873	0	0	9	201	320	3966
9900000001	1585	149	915	285	0	0	1786	495	5863	3199
Y-T-D Tot	1709	2168	1270	10774	0	0	1963	3437	6793	25668
NC YTD Tot*	14	975	34	4623	0	0	19	887	52	4010

Please see notes on last page of the metal forming section.

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U.S. EXPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
January 92 - June 92

RELEASED: September 2, 1992

Metal Forming Machine Tools		TOTAL YTD	
		UNITS	\$000
8454300010	Die casting machines	232	4037
8462100030	Headers and upsetters, including cold headers	12	7968
100050	Forging or die stamping machines, and hammers, n.e.c.	122	12481
210080	Bending, folding, straight. or flat. mach., incl presses, NC	252	18001
290030	Press brakes, non-NC	93	2721
290040	Bending rolls, non-NC	43	1650
290050	Bending, folding, straight., or flat., n.e.c., non-NC	514	17367
310080	Shearing machines, NC	49	3525
390050	Shearing machines, non-NC	217	4192
410080	Punching or notching mach., incl. comb. punch & shear, NC	141	14758
490050	Punching or notching mach., incl. comb. punch & sh., non-NC	314	9564
910060	Hydraulic presses, NC	49	2626
910090	Hydraulic presses, non-NC	242	7151
990030	Presses, n.e.c., NC	78	7669
990040	Presses, mechanical, non-NC	34	3438
990060	Presses, n.e.c., non-NC	536	33647
8463100080	Draw benches for bars, tubes, profiles, wire or the like	75	2323
200080	Thread rolling machines	14	331
300080	Machines for working wire	346	9310
900080	Metal forming machine tools, n.e.c.	822	44858
9800000002	Used or rebuilt machine tools	1452	32172
9900000002	Machine tools valued at less than \$3,025	7208	5932
Y-T-D Forming Total		12845	245722
NC Y-T-D Forming Total		569	46579
Cutting and Forming Totals:			
Y-T-D Total		46159	546821
NC Y-T-D Total*		1337	171261

Other Manufacturing Technology		TOTAL YTD	
		UNITS	\$000
1000000000	Machine tool parts and accessories	0	394889
2000000000	Parts for working rubber or plastics - heading 8477	0	122889
2710003070	Quenching or cutting oils	0	3589
8428900010	Industrial robots for lifting, handling, loading or unload	704	6545
8431390090	Parts industrial robots, handling and loading - heading 8428	0	58069
8456100000	Laser, light or photon beam for working any material	171	10356
200000	Ultrasonic process for working any material	9	284
8477106010	Injection molding mach., for rubber or oth. thermosetting	149	13757
106070	Injection molding machines, for thermoplastics	297	40845
200005	Extruders; rubber or other thermosetting mat., single screw	26	2138
200015	Extruders; rubber or thermosetting, other incl. multi. screw	73	10031
200030	Extruders; thermoplastics, single screw	117	8970
200060	Extruders; thermoplastics, other incl. multi. screw	40	4045
300000	Blow molding machines	384	26153
400000	Vacuum-molding and other thermoforming machines	920	7375
510010	Machines for molding or retreading pneumatic tires	2612	17654
510090	Machines for molding or otherwise forming inner tubes	466	2980
590000	Machines for molding or otherwise forming n.e.c.	961	13740
800000	Machines for working rubber or plastics n.e.c.	2200	49517
8479899040	Industrial robots, n.e.c.	2931	33083
908040	Industrial robot parts	0	14850
8537100030	Numerical controls for controlling machine tools	937	12846
9024100000	Machines and appliances for testing metals	0	29154
9031100000	Machines for balancing mechanical parts	0	13422
300000	Profile projectors	0	1527
9032810040	Industrial process control instr., hydraulic or pneumatic	214395	19869

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

* "NC Y-T-D Total" does not include code 8456300000.

Note: "0" in units column with corresponding value means that unit measure is not meaningful.

n.e.c. - Not elsewhere classified.

U.S. EXPORTS
Metal Forming Machine Tools, Machine Tool Totals and other Manufacturing Technology
January 92 - June 92

Metal Forming	Australia		Austria		Belgium		Brazil		Canada	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	15	165	38	412	0	0	1	40	4	391
8462100030	0	0	0	0	1	980	3	1913	1	83
100050	0	0	0	0	15	934	3	202	16	4842
210080	1	54	0	0	3	120	5	194	28	1472
290030	1	45	0	0	0	0	0	0	9	242
290040	0	0	0	0	0	0	0	0	14	232
290050	3	24	0	0	142	3987	2	43	121	2415
310080	1	59	0	0	0	0	0	0	10	756
390050	2	6	0	0	0	0	0	0	73	1545
410080	0	0	0	0	0	0	4	100	12	1800
490050	8	263	0	0	3	318	1	1110	92	1258
910060	0	0	0	0	1	34	18	242	5	178
910090	1	9	1	6	4	82	0	0	12	743
990030	0	0	0	0	0	0	0	0	10	925
990040	2	133	0	0	0	0	1	161	3	67
990060	1	31	10	266	1	15	1	19	35	1098
8463100080	1	23	0	0	2	37	0	0	4	160
200080	0	0	0	0	0	0	0	0	2	9
300080	2	71	0	0	0	0	9	80	17	268
900080	29	676	4	100	11	1685	14	1053	74	1333
9800000002	6	359	20	191	4	14	2	77	218	9907
9900000002	153	138	0	0	262	195	208	176	1163	1018
Y-T-D Tot	226	2055	73	975	449	8401	272	5411	1923	30744
NC YTD Tot	2	113	0	0	4	154	27	536	65	5132
C&F YTD	670	4561	98	2380	641	9590	588	10231	5549	85893
C&F NC YTD*	10	800	5	1337	9	641	48	2884	227	27347

Other Manufacturing Technology

1000000000	0	7215	0	1119	0	4117	0	5200	0	64276
2000000000	0	1817	0	461	0	1531	0	1777	0	32649
2710003070	0	71	0	0	0	223	0	31	0	701
8428900010	8	75	47	471	1	15	0	0	74	731
8431390090	0	2639	0	7	0	359	0	270	0	6979
8456100000	4	118	4	168	0	0	0	0	13	1380
200000	0	0	0	0	0	0	0	0	3	138
8477106010	1	170	0	0	0	0	2	150	16	856
106070	0	0	0	0	2	122	21	3687	77	13835
200005	0	0	0	0	0	0	0	0	6	381
200015	0	0	0	0	0	0	0	0	43	3663
200030	30	1286	2	61	1	31	2	46	3	139
200060	0	0	0	0	1	66	0	0	9	571
300000	16	869	0	0	8	69	21	4920	11	3130
400000	15	102	0	0	0	0	0	0	66	660
510010	39	279	0	0	24	148	34	751	343	8440
510090	4	19	0	0	0	0	2	50	0	0
590000	3	147	0	0	29	714	3	34	25	863
800000	12	900	0	0	2	17	32	4421	420	11258
8479899040	5	941	5	42	6	862	4	27	1760	11735
908040	0	110	0	0	0	37	0	13	0	4600
8537100030	4	42	5	72	24	338	61	785	65	886
9024100000	0	180	0	49	0	300	0	315	0	3794
9031100000	0	135	0	0	0	5	0	143	0	6610
300000	0	3	0	0	0	0	0	7	0	133
9032810040	10436	723	1766	387	4396	456	441	71	11171	1088

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

* "C&F NC YTD" does not include code 8465300000.

Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. EXPORTS
Metal Forming Machine Tools, Machine Tool Totals and other Manufacturing Technology
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Metal Forming										
	China		France		Germany **		India		Indonesia	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	26	279	13	434	4	60	11	117	0	0
8462100030	0	0	1	581	1	379	0	0	0	0
100050	1	40	8	437	2	99	0	0	1	57
210080	13	1056	3	402	3	160	1	44	0	0
290030	39	999	0	0	0	0	0	0	0	0
290040	0	0	0	0	1	84	0	0	0	0
290050	2	42	12	351	28	979	1	86	4	43
310080	0	0	0	0	0	0	1	45	0	0
390050	0	0	1	10	4	57	0	0	0	0
410080	2	391	1	250	4	535	0	0	0	0
490050	2	126	4	281	8	306	0	0	0	0
910060	0	0	0	0	0	0	0	0	0	0
910090	2	199	3	16	13	409	1	55	8	277
990030	1	300	0	0	2	339	0	0	0	0
990040	3	395	0	0	5	221	0	0	0	0
990060	0	0	6	223	46	12473	1	25	12	342
8463100080	0	0	0	0	16	286	0	0	0	0
200080	0	0	8	199	0	0	0	0	0	0
300080	4	48	10	207	34	892	0	0	0	0
900080	15	3702	25	3880	43	1617	5	83	0	0
9800000002	9	88	22	967	22	391	24	204	10	473
9900000002	8	16	135	119	474	363	75	42	10	8
Y-T-D Tot	127	7682	252	8356	710	19650	120	703	45	1199
NC YTD Tot	16	1747	4	652	9	1034	2	90	0	0
C&F YTD	561	25648	682	12186	2611	30103	364	5154	113	7596
C&F NC YTD*	50	9613	18	2247	38	3545	8	668	3	135

Other Manufacturing Technology

1000000000	0	6389	0	12177	0	33913	0	3306	0	1277
2000000000	0	1545	0	2969	0	11526	0	726	0	806
2710003070	0	11	0	28	0	149	0	42	0	225
8428900010	0	0	47	520	10	191	0	0	0	0
8431390090	0	1052	0	2175	0	489	0	159	0	2529
8456100000	1	200	6	639	13	832	0	0	0	0
200000	0	0	0	0	0	0	1	20	0	0
8477106010	1	38	2	235	2	120	0	0	0	0
106070	0	0	5	328	67	7114	0	0	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	1	30	0	0	0	0
200030	2	1619	0	0	4	110	0	0	1	1082
200060	1	405	2	81	0	0	0	0	0	0
300000	0	0	18	1023	20	623	0	0	0	0
400000	1	9	181	366	0	0	4	3	0	0
510010	2	150	0	0	0	0	0	0	0	0
510090	0	0	0	0	0	0	0	0	1	23
590000	41	1608	27	492	38	900	13	197	5	105
800000	11	2882	8	99	91	251	9	165	2	18
8479899040	5	72	250	2553	162	3231	0	0	0	0
908040	0	104	0	1063	0	1813	0	0	0	3
8537100030	57	668	77	976	65	922	2	24	0	0
9024100000	0	357	0	669	0	1282	0	703	0	33
9031100000	0	150	0	46	0	146	0	43	0	0
300000	0	143	0	17	0	68	0	20	0	0
9032810040	330	23	10843	917	30911	1683	583	59	80	4

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

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Metal Forming Machine Tools, Machine Tool Totals and other Manufacturing Technology
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Metal Forming	Italy		Japan		Korea		Malaysia		Mexico	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	21	251	4	44	9	101	1	115	11	204
8462100030	0	0	2	2729	0	0	0	0	1	366
100050	5	447	5	288	24	2135	0	0	14	1022
210080	64	4376	6	463	22	3520	0	0	34	2364
290030	0	0	0	0	8	310	0	0	21	647
290040	0	0	0	0	0	0	0	0	11	561
290050	8	187	12	1240	23	1540	1	84	68	2973
310080	0	0	1	60	0	0	0	0	18	1674
390050	18	294	3	31	3	81	0	0	62	1311
410080	3	203	1	25	11	1838	3	329	19	2028
490050	4	315	18	1160	10	200	1	14	49	798
910060	0	0	0	0	12	337	0	0	5	1375
910090	1	64	18	857	3	57	1	18	97	2465
990030	5	864	8	1752	15	923	7	455	3	23
990040	0	0	8	935	3	171	0	0	4	171
990060	3	1385	17	1497	7	792	2	209	321	11889
8463100080	0	0	2	50	0	0	0	0	26	612
200080	0	0	0	0	0	0	0	0	1	9
300080	8	1676	26	1208	1	30	5	87	48	1449
900080	4	54	82	2443	67	6894	0	0	65	859
9800000002	7	172	13	306	71	1401	2	8	607	10266
9900000002	232	140	554	306	134	120	25	25	1657	1587
Y-T-D Tot	383	10429	780	15395	423	20450	48	1343	3142	44655
NC YTD Tot	72	5444	16	2300	60	6619	10	784	79	7463
C&F YTD	1199	20469	2253	35082	1296	66510	238	1831	10218	94385
C&F NC YTD*	79	7957	69	6618	129	36660	10	784	233	31331

Other Manufacturing Technology

1000000000	0	10880	0	52342	0	18214	0	2683	0	51349
2000000000	0	1803	0	6607	0	3472	0	1115	0	10666
2710003070	0	25	0	186	0	101	0	13	0	84
8428900010	80	784	87	140	8	80	2	15	1	9
8431390090	0	155	0	1700	0	1437	0	6	0	5238
8456100000	5	321	10	620	9	384	0	0	18	963
200000	2	51	0	0	0	0	0	0	1	29
8477106010	3	193	2	168	0	0	0	0	68	6874
106070	0	0	14	1507	4	370	5	215	28	3376
200005	0	0	0	0	0	0	0	0	9	1453
200015	6	318	0	0	0	0	0	0	14	1614
200030	1	136	0	0	1	326	4	95	31	1203
200060	0	0	0	0	1	1585	0	0	16	1105
300000	43	1483	10	181	4	2050	3	480	63	5474
400000	0	0	133	625	14	114	0	0	108	1442
510010	0	13	29	314	13	297	19	10	22	351
510090	13	315	17	376	0	0	1	3	32	276
590000	20	449	207	1236	12	265	34	62	170	1352
800000	33	948	255	2543	58	2578	51	719	540	11775
8479899040	132	1030	70	2694	7	98	1	8	170	2169
908040	0	352	0	3017	0	205	0	0	0	681
8537100030	41	702	30	449	80	1125	2	21	16	184
9024100000	0	480	0	5906	0	2301	0	269	0	690
9031100000	0	50	0	304	0	1555	0	3	0	1598
300000	0	89	0	166	0	110	0	5	0	110
9032810040	11386	1552	15335	1187	14679	891	92	19	6054	663

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

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U.S. EXPORTS
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Metal Forming										
	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	4	21	2	25	1	13	0	0	9	900
8462100030	0	0	0	0	0	0	0	0	0	0
100050	2	157	1	103	0	0	0	0	0	0
210080	1	28	0	0	0	0	0	0	15	692
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	4	636
290050	3	42	7	1203	1	16	4	68	5	118
310080	3	117	2	106	0	0	0	0	0	0
390050	0	0	9	111	0	0	0	0	0	0
410080	8	1550	42	1415	0	0	2	346	11	1471
490050	7	97	9	109	10	96	0	0	12	206
910060	0	0	0	0	6	301	0	0	0	0
910090	9	115	1	21	0	0	2	17	15	497
990030	0	0	0	0	1	33	10	657	1	41
990040	0	0	0	0	0	0	0	0	2	120
990060	1	67	13	333	0	0	3	90	9	505
8463100080	0	0	2	107	0	0	4	100	0	0
200080	0	0	0	0	0	0	0	0	1	8
300080	1	12	10	579	17	261	4	79	11	195
900080	13	174	19	740	4	359	1	30	37	2011
9800000002	1	20	20	743	1	6	6	8	5	1226
9900000002	81	75	137	129	10	4	224	199	28	21
Y-T-D Tot	134	2475	274	5724	51	1089	260	1595	165	8648
NC YTD Tot	12	1695	44	1521	7	334	12	1003	27	2205
C&F YTD	465	5738	1636	10945	243	2926	535	4744	1476	20061
C&F NC YTD*	35	3147	52	2403	7	334	21	3328	66	11232

Other Manufacturing Technology

1000000000	0	7376	0	4993	0	2999	0	3954	0	10586
2000000000	0	2505	0	2134	0	710	0	706	0	972
2710003070	0	60	0	187	0	4	0	4	0	186
8428900010	10	105	3	25	32	320	0	0	5	154
8431390090	0	608	0	314	0	100	0	34	0	454
8456100000	16	777	2	300	1	41	9	590	30	1329
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	0	0	2	129	1	77	0	0
106070	3	234	0	0	0	0	1	50	2	140
200005	0	0	0	0	0	0	0	0	3	103
200015	0	0	0	0	0	0	0	0	1	51
200030	0	0	0	0	1	33	0	0	0	0
200060	0	0	0	0	0	0	0	0	0	0
300000	3	6	6	103	0	0	0	0	0	0
400000	0	0	25	211	0	0	0	0	0	0
510010	1019	1458	1	7	2	13	0	0	0	0
510090	0	0	0	0	0	0	30	27	0	0
590000	9	160	2	25	48	952	0	0	33	1050
800000	12	164	198	1115	2	25	0	0	9	49
8479899040	31	242	17	1701	2	358	53	533	9	192
908040	0	70	0	87	0	51	0	391	0	11
8537100030	28	337	11	138	5	50	0	0	35	461
9024100000	0	147	0	1764	0	302	0	255	0	1495
9031100000	0	24	0	192	0	61	0	0	0	694
300000	0	19	0	122	0	8	0	74	0	232
9032810040	15983	2506	6648	579	6947	711	656	122	4537	287

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January 92 - June 92

Metal Forming	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	2	8	17	146	0	0	3	15	36	295
8462100030	0	0	2	938	0	0	0	0	0	0
100050	4	184	4	498	0	0	9	612	8	424
210080	0	0	23	1554	0	0	0	0	30	1501
290030	0	0	0	0	0	0	1	7	14	471
290040	0	0	12	94	0	0	0	0	1	43
290050	2	51	19	687	0	0	0	0	46	1188
310080	0	0	3	106	0	0	0	0	10	602
390050	0	0	27	494	0	0	2	55	13	197
410080	2	876	7	722	0	0	0	0	9	879
490050	11	870	27	1215	0	0	0	0	38	821
910060	0	0	0	0	0	0	0	0	2	160
910090	2	71	21	602	0	0	7	130	20	440
990030	1	255	0	0	0	0	0	0	14	1099
990040	0	0	2	1033	0	0	0	0	1	30
990060	0	0	14	887	0	0	8	591	25	907
8463100080	0	0	1	6	0	0	1	34	16	910
200080	0	0	0	0	0	0	0	0	2	107
300080	5	115	4	92	10	188	6	372	114	1401
900080	11	2459	82	3532	2	46	6	206	209	10922
9800000002	8	65	30	1031	1	10	30	1031	313	3207
9900000002	53	20	574	447	0	0	83	51	928	732
Y-T-D Tot	101	4975	869	14085	13	244	156	3105	1849	26336
NC YTD Tot	3	1131	33	2382	0	0	0	0	65	4242
C&F YTD	1810	7143	2139	24859	13	244	2119	6542	8642	52004
C&F NC YTD*	17	2106	67	7005	0	0	19	887	117	8252

Other Manufacturing Technology

1000000000	0	2130	0	25593	0	245	0	4034	0	58524
2000000000	0	3367	0	7659	0	0	0	4059	0	21307
2710003070	0	17	0	80	0	0	0	132	0	1031
8428900010	0	0	160	1635	0	0	0	0	129	1274
8431390090	0	1891	0	4540	0	192	0	921	0	23822
8456100000	0	0	15	1390	0	0	0	0	15	304
200000	0	0	0	0	0	0	0	0	2	47
8477106010	0	0	6	415	0	0	10	1769	33	2563
106070	0	0	24	1783	0	0	4	365	40	7718
200005	0	0	0	0	0	0	0	0	8	201
200015	0	0	0	0	0	0	2	4031	6	325
200030	1	14	15	366	0	0	7	701	11	1724
200060	0	0	0	0	0	0	7	147	3	85
300000	0	0	83	3387	0	0	21	390	54	1964
400000	3	33	20	189	0	0	17	351	333	3269
510010	0	0	20	5	0	0	11	208	1034	5211
510090	256	739	1	5	0	0	2	178	107	969
590000	41	570	51	1291	0	0	5	82	145	1186
800000	4	56	138	2798	0	0	12	119	301	6617
8479899040	81	535	77	2393	0	0	8	43	76	1625
908040	0	0	0	1369	0	0	0	15	0	860
8537100030	4	50	215	3110	0	0	6	99	104	1408
9024100000	0	138	0	4269	0	12	0	118	0	3326
9031100000	0	9	0	62	0	0	0	150	0	1444
300000	0	28	0	75	0	0	0	0	0	96
9032810040	0	0	17217	2191	705	49	3572	340	39627	3360

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

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U.S. EXPORTS
Metal Cutting and Metal Forming Machine Tool Totals
January 92 - June 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
EUROPE						
Bulgaria	0	0	0	0	0	0
Czechoslovakia	5	152	4	94	9	246
Denmark	36	688	47	337	83	1025
Finland	164	261	47	329	211	590
Greece	9	107	37	194	46	301
Hungary	8	12	2	23	10	35
Iceland	0	0	2	11	2	11
Ireland	29	1032	24	78	53	1110
Luxembourg	1	4	0	0	1	4
Norway	19	141	76	45	95	186
Poland	4	2421	8	44	12	2465
Portugal	81	136	3	26	84	162
Romania	0	0	0	0	0	0
Sweden	89	2146	191	504	280	2651
Turkey	9	665	20	1348	29	2014
Yugoslavia	10	124	4	125	14	249
Oth Europe	15	1322	18	336	33	1658
TOTAL	5911	55151	3677	70793	9588	125944
=====						
NORTH AND CENTRAL AMERICA						
Bahamas	0	0	0	0	0	0
Barbados	2	17	13	46	15	63
Belize	0	0	1	6	1	6
Bermuda	0	0	0	0	0	0
Costa Rica	61	442	60	694	121	1135
Dominican Rep	49	236	35	497	84	733
El Salvador	15	154	47	467	62	621
Guatemala	27	182	23	549	50	730
Haiti	0	0	0	0	0	0
Honduras	107	70	31	380	138	450
Jamaica	0	0	81	906	81	906
Panama	289	49	10	424	299	472
Trinidad	12	45	6	69	18	114
Oth N & C Am.	28	234	17	40	45	274
TOTAL	11292	106307	5389	79475	16681	185782
=====						
SOUTH AMERICA						
Argentina	1849	1506	99	989	1948	2495
Bolivia	1	3	0	0	1	3
Chile	330	1890	78	881	408	2771
Colombia	455	916	98	579	553	1495
Ecuador	42	487	43	105	85	592
Paraguay	7	4	0	0	7	4
Peru	11	100	33	360	44	461
Uruguay	5	32	2	18	7	51
Oth South Am.	0	0	3	33	3	33
TOTAL	4979	13196	784	11480	5763	24677
=====						
OCEANIA						
New Zealand	14	359	60	381	74	740
Oth Oceania	13	15	6	14	19	29
TOTAL	471	2880	292	2451	763	5331
=====						

U.S. EXPORTS
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	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
ASIA						
Bangladesh	0	0	0	0	0	0
Hong Kong	1057	3833	149	1223	1206	5055
Iran	2	115	6	5	8	119
Iraq	0	0	0	0	0	0
Israel	112	569	38	212	150	781
Jordan	3	6	8	95	11	101
Kuwait	483	403	6	213	489	616
Laos	0	0	0	0	0	0
Lebanon	0	0	1	14	1	14
Macao	0	0	0	0	0	0
Oman	14	44	3	72	17	116
Pakistan	29	157	6	251	35	408
Philippines	187	508	119	1327	306	1835
Qatar	3	6	0	0	3	6
Saudi Arabia	107	2125	166	9364	273	11489
Sri Lanka	0	0	0	0	0	0
Syria	1	7	10	22	11	29
United Arab Emr	177	360	13	207	190	567
Vietnam	0	0	0	0	0	0
Oth Asia	146	20	3	21	149	41
TOTAL	9985	122002	2611	79144	12596	201146
	=====	=====	=====	=====	=====	=====
AFRICA						
Algeria	0	0	2	18	2	18
Botswana	0	0	0	0	0	0
Egypt	33	451	7	771	40	1222
Ethiopia	0	0	0	0	0	0
Gabon	25	217	0	0	25	217
Ghana	2	81	1	3	3	84
Guinea	11	7	0	0	11	7
Kenya	0	0	1	23	1	23
Malawi	0	0	0	0	0	0
Mauritius	0	0	0	0	0	0
Morocco	22	14	14	357	36	371
Niger	0	0	0	0	0	0
Nigeria	1	23	11	144	12	167
South Africa	406	501	50	600	456	1101
Sudan	0	0	0	0	0	0
Swaziland	0	0	0	0	0	0
Tunisia	1	60	1	128	2	188
Zaire	0	0	0	0	0	0
Zambia	5	3	0	0	5	3
Zimbabwe	166	5	5	337	171	343
Oth Africa	4	200	0	0	4	200
TOTAL	676	1562	92	2379	768	3942
	=====	=====	=====	=====	=====	=====

Note: Region totals include top countries detailed by product as well as countries listed above.

** West and East Germany are combined.

Cutting Section Notes:

Total for Metal Cutting and Metal Forming appears in Metal Forming Section.

Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the total of codes: 8461900040 and 8461900080.

n.e.c. - Not elsewhere classified.

* "NC Y-T-D Cutting Total" does not include code 8456300000.

U.S. IMPORTS - Metal Cutting Machine Tools -
RELEASED: September 2, 1992

		June 92		TOTAL MO.	
		UNITS	\$000	UNITS	\$000
8456301020	Traveling wire electro-discharge machines	363	30903	55	5218
301050	Electro-discharge machines, n.e.c., NC	113	8362	12	1103
301070	Electro-discharge machines, n.e.c., non-NC	92	1386	14	244
8457100015	Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	920	71650	149	10937
100025	Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	60	16179	11	1442
100035	Horizontal machining centers, ATC	214	53244	37	12001
100045	Machining centers, n.e.c.	25	35792	3	11149
200010	Unit construction mach. (single station transfer), NC	2	408	0	0
200090	Unit construction mach. (single station transfer), non-NC	7	1197	0	0
300010	Multi-station transfer machines, NC	18	17540	0	0
300090	Multi-station transfer machines, non-NC	44	18192	9	1907
8458110010	Horizontal lathes, multiple spindle, NC	173	24471	39	4334
110030	Horiz. lathes, power rating under 18.65 kW (25 HP), NC	897	62659	115	9167
110050	Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	177	27269	30	4475
110090	Horiz. lathes, power rating over 37.3 kW (50 HP), NC	19	6499	0	0
190030	Horizontal engine or toolroom lathes, non-NC	1236	11393	162	1778
190050	Automatic bar and/or chucking mach., single spindle, non-NC	57	1670	3	38
190070	Automatic bar and/or chucking mach., mult. spindle, non-NC	22	2905	4	226
190090	Horizontal lathes, n.e.c., non-NC	99	2320	20	1056
911060	Vertical turret lathes, multiple spindle, NC	14	2896	4	660
911080	Vertical turret lathes, n.e.c., NC	31	6221	10	2004
915050	Vertical lathes, excl. VTL's, multiple spindle, NC	8	2139	4	48
915070	Vertical lathes, excluding VTL's, n.e.c., NC	14	2145	0	0
991050	Vertical turret lathes, non-NC	16	531	3	92
995090	Vertical lathes, n.e.c., excl. VTL's, non-NC	194	8077	53	908
8459100000	Way-type unit head machines	6	535	0	0
210080	Other drilling machines, NC	66	6021	10	793
290040	Drilling machines, multiple spindle, non-NC	85	2874	3	364
290050	Drilling machines, radial, non-NC	90	782	19	148
290070	Drilling, upright, ex. sensitive, turret & deep hole, non-NC	20	1584	1	41
290090	Drilling machines, n.e.c., non-NC	133	4561	13	296
310010	Boring-milling mach., horiz. spindle, table, excl. planer, NC	10	2009	4	653
310040	Boring-milling mach., horiz. spindle, n.e.c., NC	25	6051	4	470
310070	Boring-milling machines, n.e.c., NC	4	624	0	0
390040	Boring-milling mach., horiz. spindle, n.e.c., non-NC	6	363	0	0
390050	Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	60	1991	16	391
400040	Boring machines, vertical, NC	3	675	0	0
400050	Boring machines, vertical, non-NC	18	247	0	0
400070	Boring machines, n.e.c., NC	0	0	0	0
400080	Boring machines, n.e.c., non-NC	78	3732	24	456
510080	Milling machines, knee type, NC	95	2179	15	130
590030	Milling machines, knee type, non-NC	908	7441	178	1047
610080	Milling machines, excluding knee type, n.e.c., NC	98	15385	27	3708
690050	Milling machines, profile, dup., or die sinking, non-NC	3	14	0	0
690070	Milling machines, bed type, non-NC	24	798	2	20
690090	Milling machines, n.e.c., non-NC	78	1476	36	321
700020	Threading or tapping machines, n.e.c., NC	156	8676	13	685
700080	Threading or tapping machines, n.e.c., non-NC	61	1315	15	88
8460110080	Flat surface grinding machines, NC	39	2364	8	400
190010	Flat surface grinding mach., recip.-table type, non-NC	448	6386	51	1104
190050	Flat surface grinding machines, n.e.c., non-NC	470	8444	74	1526
210080	Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	148	34456	32	6866
290010	Grinding mach., external cylindrical, (incl. univ.), non-NC	70	4874	8	292
290030	Grinding machines, internal cylindrical, non-NC	40	4830	1	195
290050	Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	323	18259	44	1186
310080	Sharpening machines (tool & cutter grinding), NC	85	2787	13	109
390050	Sharpening machines (tool & cutter grinding), non-NC	366	3033	50	444
400060	Honing or lapping machines, NC	8	661	0	0
400080	Honing or lapping machines, non-NC	70	5366	7	52
900060	Grinding, honing, polishing, & lapping mach., n.e.c., NC	7	336	1	6
900080	Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	488	11262	68	1026
8461100060	Planing machines, NC	0	0	0	0
100080	Planing machines, non-NC	1	8	0	0
200010	Shaping or slotting machines, NC	3	115	0	0
200090	Shaping or slotting machines, non-NC	31	3700	1	4
300060	Broaching machines, NC	4	722	1	69
300080	Broaching machines, non-NC	13	5368	0	0
401020	Gear cutting for bevel gears	0	0	0	0
401030	Gear hobbors	28	7581	3	317
401040	Gear shapers	4	234	0	0
401060	Gear cutting machines, n.e.c.	46	188	0	0
405050	Gear grinding or finishing for bevel gears	2	1010	0	0
405070	Gear grinding or finishing machines, n.e.c.	32	10068	3	733
500050	Sawing or cutting-off machines, NC	47	2999	13	924
500090	Sawing or cutting-off machines, non-NC	594	10627	86	1351
9000000001	Metal cutting machine tools, n.e.c.	153	7242	18	470
9800000001	Used or rebuilt machine tools	2331	24254	141	2302
9900000001	Machine tools valued at less than \$3,025	462182	42118	59757	7518
Cutting Total				61497	105293
Y-T-D Cutting Total		474875	704672		
NC Y-T-D Cutting Total		3860	456497		

Please see notes on last page
of the metal forming section.

	U.S. IMPORTS - Metal Cutting Machine Tools -						June 92		Germany **	
	Belgium		Brazil		Canada		France		Units	\$000
	Units	\$000	Units	\$000	Units	\$000	Units	\$000		
8456301020	0	0	0	0	0	0	0	0	0	0
301050	0	0	0	0	0	0	0	0	1	229
301070	0	0	0	0	0	0	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	2	181
100035	0	0	0	0	0	0	0	0	5	4824
100045	0	0	0	0	0	0	0	0	2	10668
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	1	67	0	0	1	731
8458110010	0	0	3	131	0	0	0	0	2	498
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	2	219
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	7	73	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	1	6	0	0	1	27	3	61	1	21
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	3	786
915050	0	0	0	0	0	0	0	0	4	48
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	3	92	0	0
995090	0	0	0	0	0	0	0	0	1	7
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	1	87	1	182
290050	0	0	1	15	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	2	27	1	12	1	98
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	3	365
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	1	327	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	4	32	18	404	2	20
510080	0	0	0	0	0	0	1	4	0	0
590030	0	0	2	46	0	0	0	0	1	19
610080	0	0	0	0	1	2118	0	0	6	471
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	0	0
8460110080	0	0	0	0	0	0	0	0	2	206
190010	0	0	0	0	0	0	0	0	17	117
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	2	1372
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	3	10	0	0	5	323
310080	0	0	1	2	0	0	0	0	2	13
390050	0	0	0	0	6	29	0	0	4	68
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	0	0	4	65	4	17	8	307
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	1	4	0	0	0	0
300060	0	0	0	0	0	0	0	0	1	69
300080	0	0	0	0	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	0	0	3	317
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	0	0	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	0	0	0	0	0	0	0	0	2	450
500050	0	0	0	0	0	0	0	0	0	0
500090	1	151	1	95	26	253	2	16	6	237
9000000001	0	0	0	0	4	13	7	30	0	0
9800000001	0	0	0	0	35	472	0	0	21	646
9900000001	2	4	0	0	254	57	96	141	1244	721
Month Tot	4	161	15	361	343	3501	136	862	1355	24214
Y-T-D Tot	19	355	166	3280	1351	15534	643	4696	3894	144891
NC YTD Tot	0	0	26	1532	28	7272	8	1714	235	85786

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools -

	Italy		Japan		Korea		June 92 Singapore		Spain	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456301020	0	0	40	3874	0	0	0	0	0	0
301050	0	0	11	874	0	0	0	0	0	0
301070	0	0	8	176	0	0	0	0	0	0
8457100015	0	0	87	7741	0	0	10	630	0	0
100025	0	0	6	1068	0	0	0	0	0	0
100035	4	1666	22	4427	0	0	0	0	0	0
100045	0	0	0	159	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	34	3706	0	0	0	0	0	0
110030	0	0	97	8303	1	52	0	0	0	0
110050	0	0	23	3657	1	58	0	0	1	199
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	11	136	7	261
190050	0	0	3	38	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	4	660	0	0	0	0	0	0
911080	0	0	6	1161	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	26	382	0	0	21	445	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	10	793	0	0	0	0	0	0
290040	0	0	1	95	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	1	41	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	1	314	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	2	70	0	0
590030	0	0	0	0	0	0	0	0	34	227
610080	0	0	6	466	0	0	2	70	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	3	95	0	0	0	0	0	0	28	190
700020	0	0	13	685	0	0	0	0	0	0
700080	0	0	13	64	0	0	0	0	0	0
8460110080	0	0	1	101	0	0	0	0	0	0
190010	6	255	6	511	0	0	18	197	1	3
190050	0	0	3	230	0	0	0	0	2	384
210080	0	0	18	3217	0	0	0	0	1	398
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	18	223	2	132	0	0	0	0	0	0
310080	0	0	9	84	0	0	0	0	0	0
390050	9	76	3	10	0	0	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	2	14	0	0	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	1	7	25	464	0	0	0	0	0	0
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	0	0	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	0	0	1	283	0	0	0	0	0	0
500050	0	0	9	869	0	0	4	56	0	0
500090	5	182	6	202	0	0	0	0	0	0
9000000001	1	12	0	0	0	0	0	0	0	0
9800000001	4	95	31	610	0	0	0	0	1	5
9900000001	2316	423	4423	954	2225	211	0	0	0	0
Month Tot	2393	3416	4925	45986	2248	766	47	1159	75	1666
Y-T-D Tot	14566	15561	43243	341574	10508	9582	547	8749	625	9650
NC YTD Tot	20	6741	2395	282512	62	3832	92	4902	7	2128

Please see notes on last page of the metal forming section.

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U.S. IMPORTS - Metal Cutting Machine Tools -

June 92

	Sweden		Switzerland		Taiwan		U.K.		All	Other
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456301020	0	0	15	1345	0	0	0	0	0	0
301050	0	0	0	0	0	0	0	0	0	0
301070	0	0	0	0	4	45	2	22	0	0
8457100015	0	0	0	0	18	805	25	1361	9	400
100025	0	0	0	0	3	192	0	0	0	0
100035	1	501	0	0	3	300	2	283	0	0
100045	0	0	0	0	0	0	0	0	1	322
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	7	1109	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	0	0	10	532	1	21	6	259
110050	0	0	0	0	2	147	1	194	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	1	13	26	246	17	229	93	821
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	1	168	0	0	1	29	2	30
190090	0	0	1	10	0	0	8	112	5	820
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	1	57	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	2	41	1	6	0	0	2	25
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	10	51	2	38	6	45
290070	0	0	0	0	0	0	0	0	0	0
290090	1	12	1	84	4	30	2	18	1	16
310010	0	0	0	0	0	0	2	315	1	25
310040	0	0	0	0	0	0	0	0	1	105
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	15	64	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	1	3	0	0	0	0	0	0	11	53
590030	0	0	0	0	118	543	3	93	20	120
610080	0	0	3	455	5	77	4	51	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	2	20	0	0	0	0
690090	0	0	0	0	5	35	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	2	25
8460110080	0	0	1	42	0	0	4	51	0	0
190010	0	0	0	0	3	21	0	0	0	0
190050	0	0	1	374	64	461	3	75	1	3
210080	0	0	8	1684	1	97	2	98	0	0
290010	0	0	4	273	4	20	0	0	0	0
290030	0	0	1	195	0	0	0	0	0	0
290050	0	0	7	448	0	0	4	43	5	7
310080	0	0	1	9	0	0	0	0	0	0
390050	0	0	3	32	5	81	20	148	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	1	11	0	0	0	0	4	26	0	0
900060	0	0	1	6	0	0	0	0	0	0
900080	0	0	0	0	2	21	13	61	11	84
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	0	0	0	0
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	0	0	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	3	11	14	111	7	36	15	57
9000000001	1	88	1	200	3	68	1	59	0	0
9800000001	0	0	6	20	3	10	30	228	10	216
9900000001	159	128	127	123	38164	3905	105	70	10642	781
Month Tot	164	743	195	6643	38490	7944	263	3660	10844	4210
Y-T-D Tot	686	3976	792	40152	309447	44343	1488	32567	86900	29763
NC YTD Tot	6	1082	154	19574	271	10248	234	17048	314	12126

Please see notes on last page of the metal forming section.

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U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
June 92

RELEASED: September 2, 1992

Metal Forming Machine Tools

	TOTAL YTD		TOTAL MO.	
	UNITS	\$000	UNITS	\$000
8454300010 Die casting machines	180	11967	37	2135
8462100030 Headers and upsetters, including cold headers	33	2644	12	173
100050 Forging or die stamping machines, and hammers, n.e.c.	528	51521	39	3361
210080 Bending, folding, straight. or flat. mach., incl presses, NC	271	17240	42	1961
290030 Press brakes, non-NC	96	3483	18	834
290040 Bending rolls, non-NC	29	1087	1	38
290050 Bending, folding, straight., or flat., n.e.c., non-NC	471	24351	83	9466
310080 Shearing machines, NC	26	2891	6	264
390050 Shearing machines, non-NC	196	9509	23	892
410080 Punching or notching mach., incl. comb. punch & shear, NC	145	20122	18	2927
490050 Punching or notching mach., incl. comb. punch & sh., non-NC	222	10230	39	2462
910060 Hydraulic presses, NC	10	3454	1	111
910090 Hydraulic presses, non-NC	2891	14598	1512	2105
990030 Presses, n.e.c., NC	0	0	0	0
990035 Mechanical transfer presses, non-NC	8	14198	0	0
990045 Mechanical presses, n.e.c., non-NC	63	3381	13	469
990060 Presses, n.e.c., non-NC	215	12794	28	1200
8463100080 Draw benches for bars, tubes, profiles, wire or the like	77	6485	6	340
200080 Thread rolling machines	30	1762	1	178
300080 Machines for working wire	339	13007	64	2964
900080 Metal forming machine tools, n.e.c.	375	13194	86	2925
9800000002 Used or rebuilt machine tools	654	10658	88	1620
9900000002 Machine tools valued at less than \$3,025	9178	3501	2702	421
Forming Total			4819	36848
Y-T-D Forming Total	16037	252074		
NC Y-T-D Forming Total	452	43707		
Cutting and Forming Totals:				
Monthly Total			66316	142141
Y-T-D Total -	490912	956746		
NC Y-T-D Total	4312	500205		

Other Manufacturing Technology

	TOTAL YTD		TOTAL MO.	
	UNITS	\$000	UNITS	\$000
1000000000 Machine tool parts and accessories	0	270218	0	45969
2000000000 Parts for working rubber or plastics - heading 8477	0	144022	0	24423
2710003070 Quenching or cutting oils	0	205	0	51
8428900010 Industrial robots for lifting, handling, loading or unload	1339	27933	107	3204
8431390080 Parts industrial robots, handling and loading - heading 8428	0	37878	0	6568
8456101010 Laser, light or photon beam for working metal, NC	103	16809	9	1812
101020 Laser, light or photon beam for working metal, non-NC	43	5349	8	1391
105000 Laser, light or photon beam for other materials	77	2196	3	324
201010 Ultrasonic processes for working metal, NC	0	0	0	0
201050 Ultrasonic processes for working metal, non-NC	1	4	0	0
205000 Ultrasonic processes for working other materials	34	123	1	32
8477103000 Injection molding mach., for manufacturing shoes	67	2768	9	1737
106010 Injection molding mach., for rubber or oth. thermosetting	351	38779	27	5563
106050 Injection molding mach., for thermoplastics	1679	148748	285	21252
200005 Extruders; rubber or other thermosetting mat., single screw	19	2236	4	344
200015 Extruders; rubber or thermosetting, other incl. multi. screw	15	4543	1	3619
200035 Extruders; thermoplastics, single screw, less than 6.4cm	47	1057	23	510
200045 Extruders; thermoplastics, single screw, 6.4cm or greater	34	11903	8	1419
200055 Extruders; thermoplastics, multi. screw, less than 6.4cm	43	2501	2	93
200065 Extruders; thermoplastics, multi. screw, 6.4cm or larger	29	7654	2	157
300000 Blow molding machines	142	28319	9	1260
400000 Vacuum-molding and other thermoforming machines	152	6209	5	98
510010 Machines for molding or retreading pneumatic tires	364	9637	13	1790
510090 Machines for molding or otherwise forming inner tubes	19	2115	2	994
590000 Machines for molding or otherwise forming n.e.c.	436	16949	67	911
800000 Machines for working rubber or plastics n.e.c.	2802	65748	927	17644
8479899040 Industrial robots, n.e.c.	1114	36640	304	5256
908040 Industrial robot parts	0	17237	0	3798
8537100030 Numerical controls for controlling machine tools	3842	14826	448	2708
9024100000 Machines and appliances for testing metals	0	7318	0	934
9031100000 Machines for balancing mechanical parts	0	4688	0	2369
300000 Profile projectors	0	1891	0	385
9032810020 Industrial process control instr., hydraulic	69364	1065	14619	167
810060 Industrial process control instr., pneumatic	62392	1406	9734	319

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.
n.e.c. - Not elsewhere classified.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
June 92

Metal Forming

	Belgium		Brazil		Canada		France		Germany **	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	0	0	0	0	8	292	0	0	0	0
8462100030	0	0	0	0	8	40	0	0	3	48
100050	0	0	0	0	1	2	0	0	9	223
210080	0	0	0	0	6	118	0	0	1	322
290030	5	302	0	0	11	466	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	35	485	0	0	6	5304
310080	0	0	0	0	0	0	0	0	1	73
390050	6	119	0	0	3	106	0	0	0	0
410080	0	0	0	0	0	0	0	0	1	97
490050	0	0	0	0	1	3	0	0	5	274
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	0	0	7	974	0	0	3	156
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	2	27	0	0	0	0	0	0	0	0
990060	0	0	0	0	15	445	0	0	5	230
8463100080	0	0	0	0	0	0	0	0	6	340
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	6	449	0	0	14	474
900080	1	8	0	0	3	15	13	97	1	4
9800000002	6	110	0	0	28	295	1	12	8	403
9900000002	0	0	0	0	13	16	132	24	19	13
Month Tot	20	567	0	0	145	3707	146	133	82	7963
Y-T-D Tot	74	4291	7	9	931	23777	316	3423	766	44033
NC YTD Tot	3	335	0	0	52	2262	3	152	89	11058
C&F Month	24	728	15	361	488	7207	282	995	1437	32177
C&F Y-T-D	93	4646	173	3289	2282	39311	959	8119	4660	188924
C&F NC YTD	3	335	26	1532	80	9534	11	1866	324	96844

Other Manufacturing Technology

1000000000	0	476	0	432	0	7601	0	510	0	8728
2000000000	0	114	0	8	0	7114	0	460	0	6641
2710003070	0	0	0	0	0	7	0	0	0	0
8428900010	0	0	0	0	3	309	2	157	3	465
8431390080	0	0	0	9	0	1525	0	235	0	1103
8456101010	0	0	0	0	0	0	0	0	3	389
101020	0	0	0	0	0	0	0	0	6	427
105000	0	0	0	0	0	0	0	0	0	0
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	1	32	0	0
8477103000	0	0	0	0	0	0	0	0	2	585
106010	0	0	0	0	3	275	2	286	9	1423
106050	0	0	0	0	27	3277	2	239	52	2930
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200035	0	0	0	0	0	0	0	0	1	37
200045	0	0	0	0	0	0	0	0	7	1291
200055	0	0	0	0	0	0	0	0	0	0
200065	0	0	0	0	1	107	0	0	0	0
300000	0	0	0	0	3	209	0	0	4	808
400000	2	21	0	0	0	0	0	0	1	26
510010	0	0	0	0	11	1640	0	0	2	150
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	0	0	5	166	1	331	13	230
800000	8	44	0	0	40	1071	43	5197	85	3045
8479899040	0	0	0	0	1	40	6	4	13	116
908040	0	0	0	0	0	5	0	103	0	1708
8537100030	0	0	0	0	2	4	0	0	13	130
9024100000	0	0	0	0	0	28	0	0	0	337
9031100000	0	0	0	0	0	76	0	0	0	2097
300000	0	0	0	0	0	0	0	0	0	64
9032810020	0	0	0	0	1	2	0	0	0	0
810060	0	0	0	0	14	2	250	23	0	0

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.

Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
— June 92

Metal Forming	Italy		Japan		Korea		Singapore		Spain	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	0	0	28	1166	0	0	0	0	0	0
8462100030	1	85	0	0	0	0	0	0	0	0
100050	0	0	17	3064	0	0	0	0	0	0
210080	0	0	26	1065	0	0	0	0	0	0
290030	0	0	2	67	0	0	0	0	0	0
290040	1	38	0	0	0	0	0	0	0	0
290050	13	377	8	1171	0	0	0	0	0	0
310080	5	191	0	0	0	0	0	0	0	0
390050	0	0	5	517	0	0	0	0	0	0
410080	0	0	12	1785	0	0	0	0	0	0
490050	0	0	10	1904	0	0	0	0	15	156
910060	0	0	0	0	0	0	0	0	0	0
910090	1	8	0	0	1	59	0	0	0	0
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	5	149	3	214	0	0	0	0	0	0
990060	0	0	4	282	0	0	0	0	1	165
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	1	178	0	0	0	0	0	0
300080	3	50	33	1683	1	39	0	0	0	0
900080	1	3	3	11	0	0	0	0	0	0
9800000002	22	134	3	201	0	0	0	0	0	0
9900000002	113	12	1338	55	0	0	2	4	22	20
Month Tot	165	1047	1493	13363	2	98	2	4	38	341
Y-T-D Tot	610	6985	3335	111020	49	1628	3	15	248	1570
NC YTD Tot	42	1872	206	19215	0	0	0	0	0	0
C&F Month	2558	4463	6418	59349	2250	863	49	1163	113	2007
C&F Y-T-D	15176	22546	46578	452594	10557	11209	550	8764	873	11220
C&F NC YTD	70	8613	2601	301727	62	3832	92	4902	7	2128

Other Manufacturing Technology

1000000000	0	3006	0	13580	0	232	0	95	0	198
2000000000	0	2117	0	4193	0	210	0	9	0	57
2710003070	0	0	0	23	0	0	0	0	0	0
8428900010	2	311	69	902	0	0	0	0	0	0
8431390080	0	182	0	855	0	0	0	0	0	0
8456101010	0	0	6	1423	0	0	0	0	0	0
101020	0	0	0	0	0	0	0	0	0	0
105000	0	0	3	324	0	0	0	0	0	0
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	0	0	0	0
8477103000	6	881	0	0	0	0	0	0	0	0
106010	4	2867	0	0	1	57	0	0	0	0
106050	42	1062	130	11205	0	0	1	27	3	126
200005	2	142	1	162	0	0	0	0	0	0
200015	0	0	1	3619	0	0	0	0	0	0
200035	6	129	0	0	0	0	0	0	0	0
200045	1	128	0	0	0	0	0	0	0	0
200055	0	0	0	0	0	0	0	0	0	0
200065	0	0	0	0	0	0	0	0	0	0
300000	0	0	1	183	0	0	0	0	0	0
400000	0	0	1	34	0	0	0	0	0	0
510010	0	0	0	0	0	0	0	0	0	0
510090	0	0	2	994	0	0	0	0	0	0
590000	1	20	15	108	0	0	0	0	0	0
800000	17	2640	289	3770	0	0	0	0	1	4
8479899040	2	221	220	4463	0	0	0	0	0	0
908040	0	22	0	1310	0	0	0	0	0	100
8537100030	1	36	428	2455	0	0	0	0	0	0
9024100000	0	222	0	135	0	0	0	0	0	0
9031100000	0	12	0	130	0	13	0	0	0	0
300000	0	0	0	73	0	0	0	0	0	0
9032810020	4	7	0	0	0	0	0	0	0	0
810060	420	54	212	18	0	0	0	0	0	0

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.

Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
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Metal Forming

	Sweden		Switzerland		Taiwan		U.K.		All Other	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	0	0	0	0	0	0	0	0	1	677
8462100030	0	0	0	0	0	0	0	0	0	0
100050	1	20	4	9	2	23	0	0	5	21
210080	0	0	0	0	2	55	3	337	4	64
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	7	214	1	75	3	104	6	1710	4	26
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	4	37	5	111
410080	0	0	2	666	0	0	0	0	3	378
490050	4	76	0	0	0	0	2	33	2	14
910060	0	0	0	0	0	0	0	0	1	111
910090	1	207	2	526	36	25	1	13	1460	137
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	0	0	1	6	0	0	0	0	2	73
990060	0	0	0	0	1	72	0	0	2	7
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	2	11	2	237	1	15	2	7	0	0
900080	0	0	30	2514	2	25	27	229	5	20
9800000002	1	5	2	286	2	2	12	164	3	7
9900000002	20	4	22	29	618	160	39	13	364	72
Month Tot	36	537	66	4347	667	480	96	2543	1861	1719
Y-T-D Tot	250	5576	486	14022	3975	3679	807	10319	4180	21728
NC YTD Tot	3	739	8	2219	4	87	15	2862	27	2906
C&F Month	200	1280	261	10991	39157	8424	359	6203	12705	5929
C&F Y-T-D	936	9551	1278	54174	313422	48022	2295	42885	91080	51492
C&F NC YTD	9	1821	162	21793	275	10335	249	19910	341	15032

Other Manufacturing Technology

1000000000	0	1203	0	3002	0	1400	0	2366	0	3142
2000000000	0	94	0	334	0	588	0	715	0	1766
2710003070	0	0	0	0	0	0	0	21	0	0
8428900010	17	829	0	0	2	20	8	13	1	199
8431390080	0	160	0	273	0	170	0	850	0	1205
8456101010	0	0	0	0	0	0	0	0	0	0
101020	0	0	0	0	0	0	2	964	0	0
105000	0	0	0	0	0	0	0	0	0	0
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	0	0	0	0
8477103000	0	0	0	0	1	271	0	0	0	0
106010	0	0	2	323	2	62	1	11	3	260
106050	0	0	3	1181	4	159	3	35	18	1012
290005	0	0	0	0	0	0	1	40	0	0
200015	0	0	0	0	0	0	0	0	0	0
200035	0	0	0	0	0	0	0	0	16	344
200045	0	0	0	0	0	0	0	0	0	0
200055	0	0	1	54	0	0	0	0	1	39
200065	0	0	0	0	1	50	0	0	0	0
300000	0	0	0	0	0	0	0	0	1	60
400000	0	0	0	0	0	0	1	18	0	0
510010	0	0	0	0	0	0	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	0	0	2	11	2	13	28	33
800000	1	7	7	612	23	385	3	40	410	827
8479899040	0	0	0	0	12	34	2	3	48	377
908040	0	69	0	0	0	0	0	99	0	381
8537100030	0	0	0	0	0	0	4	83	0	0
9024100000	0	0	0	49	0	0	0	162	0	2
9031100000	0	0	0	0	0	0	0	22	0	19
300000	0	0	0	44	0	0	0	204	0	0
9032810020	0	0	866	35	5000	4	2250	12	6498	107
810060	0	0	0	0	94	2	0	0	8744	221

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.

Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
June 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
EUROPE						
Austria	238	1512	0	0	238	1512
Bulgaria	5	44	0	0	5	44
Croatia	0	0	0	0	0	0
Czechoslovakia	5	73	1	29	6	102
Denmark	29	105	10	32	39	137
Finland	6	23	8	408	14	431
Hungary	0	0	0	0	0	0
Ireland	0	0	7	8	7	8
Luxembourg	0	0	0	0	0	0
Netherlands	1	140	1	677	2	817
Norway	2	2	0	0	2	2
Poland	8	315	0	0	8	315
Portugal	0	0	9	159	9	159
Romania	0	0	0	0	0	0
USSR	0	0	0	0	0	0
Yugoslavia	0	0	0	0	0	0
Oth Europe	32	347	0	0	32	347
TOTAL	4911	43927	685	18792	5596	62719
NORTH AND CENTRAL AMERICA						
Barbados	0	0	0	0	0	0
Dominican Rep	0	0	0	0	0	0
Mexico	2	22	1461	164	1463	186
Oth N & C Am.	0	0	2	3	2	3
TOTAL	345	3522	1608	3874	1953	7396
SOUTH AMERICA						
Argentina	0	0	1	111	1	111
Chile	0	0	0	0	0	0
Colombia	0	0	1	6	1	6
Paraguay	0	0	0	0	0	0
Peru	0	0	0	0	0	0
Uruguay	0	0	0	0	0	0
Venezuela	0	0	0	0	0	0
Oth South Am.	0	0	0	0	0	0
TOTAL	15	361	2	116	17	478
OCEANIA						
Australia	2	25	0	0	2	25
New Zealand	0	0	2	6	2	6
Oth Oceania	0	0	0	0	0	0
TOTAL	2	25	2	6	4	31

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
June 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
ASIA						
China	10494	1173	328	57	10822	1230
Hong Kong	2	2	4	14	6	15
India	2	24	1	28	3	53
Indonesia	0	0	0	0	0	0
Iran	0	0	0	0	0	0
Iraq	0	0	0	0	0	0
Israel	4	240	0	0	4	240
Malaysia	7	5	0	0	7	5
Pakistan	0	0	0	0	0	0
Philippines	0	0	0	0	0	0
Thailand	5	160	5	7	10	167
Oth Asia	0	0	0	0	0	0
TOTAL	56224	57459	2502	14050	58726	71509
	=====	=====	=====	=====	=====	=====
AFRICA						
Ghana	0	0	0	0	0	0
Kenya	0	0	0	0	0	0
Niger	0	0	0	0	0	0
South Africa	0	0	20	8	20	8
Swaziland	0	0	0	0	0	0
Oth Africa	0	0	0	0	0	0
TOTAL	0	0	20	8	20	8
	=====	=====	=====	=====	=====	=====

Note: Region totals include top countries detailed by product as well as countries listed above.

** West and East Germany are combined.

Cutting Section Notes:

Total for Metal Cutting and Metal Forming appears in Metal Forming Section.

Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the total of codes: 8461900040 and 8461900080.

n.e.c. - Not elsewhere classified.

SPECIAL ADDENDUM
REVISION TO JUNE 1992
U.S. IMPORTS OF MACHINE TOOLS

Imports in June 1992 of code "8462910090 - Hydraulic presses, non-NC" are shown in the detailed import report as 1,512 units valued at \$2,105,000. This should be changed to 99 machines valued at \$2,105,000.

This revision was received too late for the detailed monthly and year-to-date import data to be corrected this month, though they will be reflected in the year-to-date section next month.

The chart entitled "1992 U.S. Imports by Product Groups" does reflect the revisions.

Please contact AMT's statistical department if you have any questions.

U.S. IMPORTS - Metal Cutting Machine Tools - January 92 - June 92
 RELEASED: September 2, 1992

		TOTAL YTD	
		UNITS	\$000
8456301020	Traveling wire electro-discharge machines	363	30903
301050	Electro-discharge machines, n.e.c., NC	113	8362
301070	Electro-discharge machines, n.e.c., non-NC	92	1386
8457100015	Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	920	71650
100025	Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	60	16179
100035	Horizontal machining centers, ATC	214	53244
100045	Machining centers, n.e.c.	25	35792
200010	Unit construction mach. (single station transfer), NC	2	408
200090	Unit construction mach. (single station transfer), non-NC	7	1197
300010	Multi-station transfer machines, NC	18	17540
300090	Multi-station transfer machines, non-NC	44	18192
8458110010	Horizontal lathes, multiple spindle, NC	173	24471
110030	Horiz. lathes, power rating under 18.65 kW (25 HP), NC	897	62659
110050	Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	177	27269
110090	Horiz. lathes, power rating over 37.3 kW (50 HP), NC	19	6499
190030	Horizontal engine or toolroom lathes, non-NC	1236	11393
190050	Automatic bar and/or chucking mach., single spindle, non-NC	57	1670
190070	Automatic bar and/or chucking mach., mult. spindle, non-NC	22	2905
190090	Horizontal lathes, n.e.c., non-NC	99	2320
911060	Vertical turret lathes, multiple spindle, NC	14	2896
911080	Vertical turret lathes, n.e.c., NC	31	6221
915050	Vertical lathes, excl. VTL's, multiple spindle, NC	8	2139
915070	Vertical lathes, excluding VTL's, n.e.c., NC	14	2145
991050	Vertical turret lathes, non-NC	16	531
995090	Vertical lathes, n.e.c., excl. VTL's, non-NC	194	8077
8459100000	Way-type unit head machines	6	535
210080	Other drilling machines, NC	66	6021
290040	Drilling machines, multiple spindle, non-NC	85	2874
290050	Drilling machines, radial, non-NC	90	782
290070	Drilling, upright, ex. sensitive, turret & deep hole, non-NC	20	1584
290090	Drilling machines, n.e.c., non-NC	133	4561
310010	Boring-milling mach., horiz. spind., table, excl. planer, NC	10	2009
310040	Boring-milling mach., horiz. spindle, n.e.c., NC	25	6051
310070	Boring-milling machines, n.e.c., NC	4	624
390040	Boring-milling mach., horiz. spindle, n.e.c., non-NC	6	363
390050	Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	60	1991
400040	Boring machines, vertical, NC	3	675
400050	Boring machines, vertical, non-NC	18	247
400070	Boring machines, n.e.c., NC	0	0
400080	Boring machines, n.e.c., non-NC	78	3732
510080	Milling machines, knee type, NC	95	2179
590030	Milling machines, knee type, non-NC	908	7441
610080	Milling machines, excluding knee type, n.e.c., NC	98	15385
690050	Milling machines, profile, dup., or die sinking, non-NC	3	14
690070	Milling machines, bed type, non-NC	24	798
690090	Milling machines, n.e.c., non-NC	78	1476
700020	Threading or tapping machines, n.e.c., NC	156	8676
700080	Threading or tapping machines, n.e.c., non-NC	61	1315
8460110080	Flat surface grinding machines, NC	39	2364
190010	Flat surface grinding mach., recip.-table type, non-NC	448	6386
190050	Flat surface grinding machines, n.e.c., non-NC	470	8444
210080	Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	148	34456
290010	Grinding mach., external cylindrical, (incl. univ.), non-NC	70	4874
290030	Grinding machines, internal cylindrical, non-NC	40	4830
290050	Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	323	18259
310080	Sharpening machines (tool & cutter grinding), NC	85	2787
390050	Sharpening machines (tool & cutter grinding), non-NC	366	3033
400060	Honing or lapping machines, NC	8	661
400080	Honing or lapping machines, non-NC	70	5366
900060	Grinding, honing, polishing, & lapping mach., n.e.c., NC	7	336
900080	Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	488	11262
8461100060	Planing machines, NC	0	0
100080	Planing machines, non-NC	1	8
200010	Shaping or slotting machines, NC	3	115
200090	Shaping or slotting machines, non-NC	31	3700
300060	Broaching machines, NC	4	722
300080	Broaching machines, non-NC	13	5368
401020	Gear cutting for bevel gears	0	0
401030	Gear hobbbers	28	7581
401040	Gear shapers	4	234
401060	Gear cutting machines, n.e.c.	46	188
405050	Gear grinding or finishing for bevel gears	2	1010
405070	Gear grinding or finishing machines, n.e.c.	32	10068
500050	Sawing or cutting-off machines, NC	47	2999
500090	Sawing or cutting-off machines, non-NC	594	10627
9000000001	Metal cutting machine tools, n.e.c.	153	7242
9800000001	Used or rebuilt machine tools	2331	24254
9900000001	Machine tools valued at less than \$3,025	462182	42118

Please see notes on last page
 of the metal forming section.

Y-T-D Cutting Total
 NC Y-T-D Cutting Total

474875 704672
 3860 456497

U.S. IMPORTS - Metal Cutting Machine Tools - January 92 - June 92

	Belgium		Brazil		Canada		France		Germany **	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456301020	0	0	0	0	0	0	0	0	0	0
01050	0	0	0	0	0	0	0	0	6	431
01070	0	0	0	0	1	10	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	9	740
100025	0	0	0	0	0	0	0	0	11	2376
100035	0	0	6	125	6	204	0	0	18	7885
100045	0	0	1	621	1	29	0	0	13	30742
200010	0	0	0	0	1	168	0	0	0	0
200090	0	0	0	0	0	0	1	244	1	285
300010	0	0	0	0	10	2261	0	0	5	13882
300090	0	0	0	0	6	1209	0	0	9	12571
8458110010	0	0	18	784	0	0	0	0	10	2601
110030	0	0	0	0	0	0	2	167	1	253
110050	0	0	0	0	0	0	2	196	9	1165
110090	0	0	0	0	0	0	0	0	5	2242
190030	0	0	70	696	3	99	0	0	0	0
190050	0	0	2	21	0	0	2	266	1	27
190070	0	0	0	0	0	0	0	0	1	38
190090	1	6	0	0	2	30	3	61	1	21
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	1	1320	3	786
915050	0	0	0	0	0	0	0	0	4	48
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	4	198	1	2
995090	0	0	45	363	4	156	0	0	17	1874
8459100000	0	0	0	0	0	0	1	29	3	321
210080	0	0	0	0	0	0	0	0	10	396
290040	0	0	0	0	2	10	1	87	46	597
290050	0	0	7	98	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	1	21
290090	1	33	10	351	3	34	1	12	4	184
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	14	3725
310070	0	0	0	0	0	0	0	0	2	204
390040	0	0	0	0	2	322	0	0	0	0
390050	0	0	0	0	1	327	0	0	8	359
400040	0	0	0	0	0	0	0	0	1	419
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	11	110	32	650	5	1165
510080	0	0	0	0	0	0	1	4	1	660
590030	0	0	3	59	1	200	0	0	28	394
610080	0	0	0	0	5	4245	0	0	25	3339
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	1	3	0	0	1	8
700020	0	0	0	0	1	259	0	0	1	56
700080	0	0	0	0	1	8	0	0	1	70
8460110080	0	0	0	0	2	90	1	9	9	611
190010	0	0	0	0	1	21	0	0	41	323
190050	0	0	1	15	0	0	3	12	8	1220
210080	0	0	0	0	0	0	0	0	32	10963
290010	0	0	0	0	4	14	0	0	3	540
290030	0	0	0	0	0	0	0	0	3	794
290050	0	0	0	0	10	108	0	0	102	9405
310080	0	0	1	2	2	17	0	0	30	980
390050	0	0	0	0	21	117	0	0	23	422
400060	0	0	0	0	0	0	0	0	4	485
400080	0	0	0	0	2	28	1	13	14	2212
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	1	50	10	185	34	133	59	2190
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	1	8
200010	0	0	0	0	0	0	0	0	3	115
200090	0	0	0	0	5	29	0	0	7	1342
300060	0	0	0	0	0	0	0	0	1	69
300080	0	0	0	0	0	0	1	180	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	0	0	16	5393
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	0	0	0	0	1	3	0	0
405050	0	0	0	0	0	0	0	0	1	933
405070	0	0	0	0	0	0	0	0	12	7155
500050	0	0	0	0	0	0	0	0	5	48
500090	1	151	1	95	137	1624	4	58	108	2489
9000000001	0	0	0	0	13	43	27	135	28	2261
9800000001	12	158	0	0	171	3285	4	103	142	3039
9900000001	4	7	0	0	911	289	516	818	2966	2005

Y-T-D Tot	19	355	166	3280	1351	15534	643	4696	3894	144891
NC YTD Tot	0	0	26	1532	28	7272	8	1714	235	85786

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools - January 92 - June 92

	Italy		Japan		Korea		Singapore		Spain	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456301020	0	0	215	20725	0	0	0	0	0	0
301050	0	0	78	5931	0	0	0	0	0	0
301070	0	0	28	543	0	0	0	0	0	0
8457100015	0	0	618	55085	12	568	75	4384	0	0
100025	1	1239	28	10473	0	0	0	0	1	308
100035	4	1666	162	41141	6	477	0	0	1	125
100045	3	1528	5	2408	0	0	0	0	0	0
200010	1	239	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	2	1347	0	0	0	0	0	0
300090	2	208	3	361	0	0	0	0	0	0
8458110010	0	0	145	21085	0	0	0	0	0	0
110030	0	0	606	51220	40	2453	0	0	0	0
110050	0	0	147	23940	3	215	0	0	1	199
110090	3	1508	8	2034	0	0	0	0	0	0
190030	0	0	5	364	20	211	81	1023	92	1220
190050	0	0	4	82	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	2	8	8	377	0	0	0	0	0	0
911060	0	0	14	2896	0	0	0	0	0	0
911080	1	276	11	2950	1	119	0	0	1	79
915050	0	0	4	2090	0	0	0	0	0	0
915070	0	0	14	2145	0	0	0	0	0	0
991050	0	0	6	316	0	0	0	0	0	0
995090	28	415	12	1398	63	3286	0	0	0	0
8459100000	0	0	1	55	0	0	0	0	0	0
210080	0	0	54	5369	0	0	0	0	0	0
290040	0	0	32	2163	0	0	0	0	0	0
290050	1	14	0	0	0	0	0	0	3	112
290070	0	0	16	1504	0	0	0	0	0	0
290090	7	26	21	3129	0	0	0	0	56	404
310010	0	0	5	1502	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	2	1018
310070	0	0	1	7	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	6	90	1	149	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	3	185	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	15	252	11	1323	0	0	0	0	0	0
510080	0	0	1	396	0	0	6	219	0	0
590030	8	349	8	157	0	0	0	0	333	2974
610080	0	0	15	2878	0	0	7	244	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	4	133	0	0	0	0	12	443
690090	4	114	14	703	0	0	0	0	28	190
700020	0	0	120	7511	0	0	0	0	0	0
700080	0	0	47	1017	1	5	0	0	2	138
8460110080	0	0	6	828	0	0	0	0	0	0
190010	11	348	32	1592	0	0	244	2801	2	56
190050	2	30	21	1993	0	0	0	0	4	460
210080	0	0	79	14860	0	0	0	0	1	398
290010	3	46	6	621	0	0	0	0	1	48
290030	1	480	10	2081	0	0	0	0	0	0
290050	33	444	37	1551	0	0	0	0	4	1362
310080	1	1	28	267	0	0	0	0	0	0
390050	15	213	180	1022	0	0	0	0	0	0
400060	0	0	3	159	0	0	0	0	0	0
400080	0	0	20	1466	0	0	0	0	0	0
900060	0	0	3	194	0	0	0	0	0	0
900080	14	1188	182	4864	0	0	0	0	1	25
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	5	36	6	1882	0	0	0	0	0	0
300060	0	0	2	599	0	0	0	0	0	0
300080	1	163	10	1828	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	8	1904	1	53	0	0	0	0
401040	0	0	1	188	0	0	0	0	0	0
401060	2	2	7	175	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	2	17	14	2882	4	13	0	0	0	0
500050	14	283	12	1001	0	0	4	56	0	0
500090	64	538	57	3394	36	901	0	0	3	12
9000000001	20	318	45	3816	0	0	0	0	1	6
9800000001	177	444	194	9886	8	318	0	0	6	58
9900000001	14112	2892	39806	5613	10313	962	130	22	70	13

Y-T-D Tot	14566	15561	43243	341574	10508	9582	547	8749	625	9650
NC YTD Tot	28	6741	2395	282512	62	3832	92	4902	7	2128

Please see notes on last page of the metal forming section. Page 3 of 4

U.S. IMPORTS - Metal Cutting Machine Tools -									
Sweden		Switzerland		Taiwan		U.K.		All Other	
Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8456301020	0	0	77	7324	1	5	0	70	2849
301050	0	0	17	1708	1	14	0	11	278
301070	0	0	2	24	55	669	4	2	75
8457100015	0	0	0	0	71	3298	104	31	1770
100025	0	0	0	0	7	712	0	12	1071
100035	1	501	0	0	5	438	5	0	0
100045	1	142	0	0	0	0	0	1	322
200010	0	0	0	0	0	0	0	0	0
200090	2	110	2	428	0	0	0	1	129
300010	0	0	0	0	0	0	0	1	51
300090	0	0	24	3843	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0
110030	0	0	8	846	57	2709	65	118	1882
110050	0	0	1	150	11	942	2	1	94
110090	0	0	0	0	0	0	1	2	410
190030	0	0	11	48	242	2021	54	658	4901
190050	0	0	3	226	36	248	4	5	55
190070	0	0	11	2110	0	0	8	2	30
190090	0	0	1	10	10	53	58	13	894
911060	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	1	57	12	0	0
915050	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	3	12	2	0	0
995090	0	0	3	51	4	202	7	11	118
8459100000	0	0	0	0	0	0	1	0	0
210080	0	0	0	0	0	0	1	1	82
290040	0	0	3	10	1	7	0	0	0
290050	0	0	0	0	46	335	2	31	185
290070	0	0	0	0	3	60	0	0	0
290090	14	72	5	220	6	51	3	2	23
310010	0	0	0	0	2	168	2	1	25
310040	0	0	0	0	0	0	2	7	289
310070	0	0	0	0	0	0	1	0	0
390040	0	0	0	0	0	0	4	0	0
390050	0	0	0	0	38	264	1	5	762
400040	0	0	0	0	0	0	0	2	256
400050	0	0	0	0	15	62	0	0	0
400070	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	2	2	181
510080	1	3	0	0	52	597	4	29	140
590030	0	0	0	0	453	2210	32	42	247
610080	1	370	6	3560	21	272	12	6	227
690050	0	0	0	0	3	14	0	0	0
690070	6	201	0	0	2	20	0	0	0
690090	0	0	3	215	13	83	2	12	98
700020	0	0	0	0	34	850	0	0	0
700080	0	0	0	0	6	30	1	2	25
8460110080	0	0	3	610	6	83	11	1	24
190010	0	0	0	0	51	339	0	66	905
190050	0	0	5	909	356	2972	8	62	144
210080	0	0	24	4453	1	97	11	0	0
290010	2	20	28	3298	15	163	7	1	2
290030	1	283	4	980	2	29	0	19	183
290050	6	1102	47	3414	35	355	28	21	160
310080	0	0	14	731	0	0	1	8	782
390050	0	0	6	76	10	107	106	5	56
400060	0	0	1	18	0	0	0	0	0
400080	3	35	5	1336	1	30	24	0	0
900060	0	0	2	120	0	0	0	2	21
900080	7	78	13	1031	16	187	70	81	893
8461100060	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0
200090	0	0	1	344	6	58	0	1	10
300060	0	0	1	54	0	0	0	0	0
300080	0	0	0	0	0	0	1	0	0
401020	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	2	1	207
401040	0	0	0	0	0	0	0	3	46
401060	0	0	21	2	0	0	11	4	1
405050	0	0	0	0	0	0	1	0	0
405070	0	0	0	0	0	0	0	0	0
500050	1	52	0	0	1	6	0	10	1553
500090	0	0	8	74	93	740	37	45	346
9000000001	6	189	1	200	5	110	2	5	72
9800000001	3	15	26	1483	28	298	170	1390	1299
9900000001	531	802	405	246	307622	22366	602	84094	5591

Y-T-D Tot 686 3976 792 40152 309447 44343 1488 32567 86900 29763
NC YTD Tot 6 1082 154 19574 271 10248 234 17048 314 12126
Please see notes on last page of the metal forming section. Page 4 of 4

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
January 92 - June 92

RELEASED: September 2, 1992

Metal Forming Machine Tools		TOTAL YTD	
		UNITS	\$000
8454300010	Die casting machines	180	11967
8462100030	Headers and upsetters, including cold headers	33	2644
100050	Forging or die stamping machines, and hammers, n.e.c.	528	51521
210080	Bending, folding, straight. or flat. mach., incl presses, NC	271	17240
290030	Press brakes, non-NC	96	3483
290040	Bending rolls, non-NC	29	1087
290050	Bending, folding, straight., or flat., n.e.c., non-NC	471	24351
310080	Shearing machines, NC	26	2891
390050	Shearing machines, non-NC	196	9599
410080	Punching or notching mach., incl. comb. punch & shear, NC	145	20122
490050	Punching or notching mach., incl. comb. punch & sh., non-NC	222	10230
910060	Hydraulic presses, NC	10	3454
910090	Hydraulic presses, non-NC	2891	14598
990030	Presses, n.e.c., NC	0	0
990035	Mechanical transfer presses, non-NC	8	14198
990045	Mechanical presses, n.e.c., non-NC	63	3381
990060	Presses, n.e.c., non-NC	215	12794
8463100080	Draw benches for bars, tubes, profiles, wire or the like	77	6485
200080	Thread rolling machines	30	1762
300080	Machines for working wire	339	13007
900080	Metal forming machine tools, n.e.c.	375	13194
9800000002	Used or rebuilt machine tools	654	10658
9900000002	Machine tools valued at less than \$3,025	9178	3501
Y-T-D Forming Total		16037	252074
NC Y-T-D Forming Total		452	43707
Cutting and Forming Totals:			
Y-T-D Total		490912	956746
NC Y-T-D Total		4312	500205

Other Manufacturing Technology		TOTAL YTD	
		UNITS	\$000
1000000000	Machine tool parts and accessories	0	270218
2000000000	Parts for working rubber or plastics - heading 8477	0	144022
2710003070	Quenching or cutting oils	0	205
8428900010	Industrial robots for lifting, handling, loading or unload	1339	27933
8431390080	Parts industrial robots, handling and loading - heading 8428	0	37878
8456101010	Laser, light or photon beam for working metal, NC	103	16809
101020	Laser, light or photon beam for working metal, non-NC	43	5349
105000	Laser, light or photon beam for other materials	77	2196
201010	Ultrasonic processes for working metal, NC	0	0
201050	Ultrasonic processes for working metal, non-NC	1	4
205000	Ultrasonic processes for working other materials	34	123
8477103000	Injection molding mach., for manufacturing shoes	67	2768
106010	Injection molding mach., for rubber or oth. thermosetting	351	38779
106050	Injection molding mach., for thermoplastics	1679	148748
200005	Extruders; rubber or other thermosetting mat., single screw	19	2236
200015	Extruders; rubber or thermosetting, other incl. multi. screw	15	4543
200035	Extruders; thermoplastics, single screw, less than 6.4cm	47	1057
200045	Extruders; thermoplastics, single screw, 6.4cm or greater	34	11903
200055	Extruders; thermoplastics, multi. screw, less than 6.4cm	43	2501
200065	Extruders; thermoplastics, multi. screw, 6.4cm or larger	29	7654
300000	Blow molding machines	142	28319
400000	Vacuum-molding and other thermoforming machines	152	6209
510010	Machines for molding or retreading pneumatic tires	364	9637
510090	Machines for molding or otherwise forming inner tubes	19	2115
590000	Machines for molding or otherwise forming n.e.c.	436	16949
800000	Machines for working rubber or plastics n.e.c.	2802	65748
8479899040	Industrial robots, n.e.c.	1114	36640
908040	Industrial robot parts	0	17237
8537100030	Numerical controls for controlling machine tools	3842	14826
9024100000	Machines and appliances for testing metals	0	7318
9031100000	Machines for balancing mechanical parts	0	4688
300000	Profile projectors	0	1891
9032810020	Industrial process control instr., hydraulic	68364	1065
810060	Industrial process control instr., pneumatic	62392	1406

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.
n.e.c. - Not elsewhere classified.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
January 92 - June 92

Metal Forming

	Belgium		Brazil		Canada		France		Germany **	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	0	0	0	0	33	1606	0	0	3	537
8462100030	0	0	0	0	9	59	0	0	4	476
100050	2	43	7	9	7	201	3	408	207	6238
210080	3	335	0	0	50	2049	1	85	35	4287
290030	7	343	0	0	68	2758	0	0	0	0
290040	0	0	0	0	6	126	0	0	0	0
290050	1	24	0	0	129	2764	3	27	60	7337
310080	0	0	0	0	1	67	0	0	9	160
390050	25	661	0	0	16	611	2	16	11	946
410080	0	0	0	0	0	0	2	67	42	6178
490050	0	0	0	0	9	460	30	550	44	1059
910060	0	0	0	0	1	146	0	0	3	433
910090	0	0	0	0	50	3594	0	0	42	2038
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	2	387
990045	3	63	0	0	8	86	0	0	4	375
990060	0	0	0	0	88	4608	21	192	14	2897
8463100080	16	1358	0	0	0	0	0	0	41	4003
200080	0	0	0	0	1	19	0	0	12	1023
300080	4	1160	0	0	11	987	3	595	51	1813
900080	1	8	0	0	21	214	62	440	19	2717
9800000002	12	297	0	0	239	3278	27	942	51	1023
9900000002	0	0	0	0	184	145	162	101	112	107
Y-T-D Tot	74	4291	7	9	931	23777	316	3423	766	44033
NC YTD Tot	3	335	0	0	52	2262	3	152	89	11058
C&F Y-T-D	93	4646	173	3289	2282	39311	959	8119	4660	188924
C&F NC YTD	3	335	26	1532	80	9534	11	1866	324	96844

Other Manufacturing Technology

1000000000	0	2096	0	1877	0	61895	0	3348	0	44738
2000000000	0	347	0	53	0	42432	0	7021	0	38115
2710003070	0	0	0	0	0	64	0	0	0	0
8428900010	0	0	0	0	27	1331	10	736	11	1649
8431390080	0	14	0	31	0	9092	0	1024	0	7224
8456101010	0	0	0	0	0	0	0	0	37	3638
101020	0	0	0	0	1	130	0	0	39	4216
105000	3	1	0	0	30	464	0	0	4	417
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	1	4	0	0	0	0
205000	0	0	0	0	12	1	1	32	1	8
8477103000	0	0	0	0	0	0	0	0	2	585
106010	0	0	0	0	22	3247	21	1782	47	6002
106050	0	0	0	0	215	29892	5	1035	233	17728
200005	0	0	0	0	0	0	0	0	13	1772
200015	0	0	0	0	7	136	0	0	4	352
200035	0	0	0	0	1	47	0	0	2	81
200045	0	0	0	0	0	0	0	0	23	5885
200055	0	0	0	0	1	54	0	0	28	1744
200065	0	0	0	0	1	107	1	414	8	1881
300000	0	0	0	0	16	824	61	15355	22	7506
400000	2	21	0	0	1	37	0	0	59	3683
510010	0	0	0	0	52	4336	0	0	5	2554
510090	0	0	0	0	0	0	0	0	2	3
590000	0	0	1	122	72	3580	30	2501	44	6585
800000	26	302	0	0	217	5648	75	7452	343	13137
8479899040	0	0	0	0	17	1539	13	1004	63	2669
908040	0	2	0	0	0	144	0	132	0	5697
8537100030	0	0	0	0	4	161	2	29	30	364
9024100000	0	0	0	0	0	395	0	87	0	1529
9031100000	0	192	0	0	0	427	0	8	0	2426
300000	0	0	0	0	0	0	0	0	0	358
9032810020	0	0	1000	7	12	53	5	8	1304	84
810060	0	0	12200	36	129	15	653	107	123	39

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.

Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
January 92 - June 92

Metal Forming	Italy		Japan		Korea		Singapore		Spain	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	6	304	118	7761	1	65	0	0	0	0
8462100030	5	465	15	1644	0	0	0	0	0	0
100050	8	47	172	30455	4	229	0	0	3	22
210080	16	397	133	6490	0	0	0	0	0	0
290030	1	11	8	266	0	0	0	0	0	0
290040	12	325	3	481	0	0	0	0	0	0
290050	42	571	69	6706	0	0	0	0	12	154
310080	10	506	2	954	0	0	0	0	0	0
390050	20	564	38	4662	1	1003	0	0	22	281
410080	16	969	68	9474	0	0	0	0	0	0
490050	46	386	24	6478	0	0	0	0	42	670
910060	0	0	3	2297	0	0	0	0	0	0
910090	57	189	42	4723	2	67	0	0	4	47
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	6	13811	0	0	0	0	0	0
990045	7	156	13	1108	0	0	0	0	0	0
990060	4	57	30	1808	1	11	1	12	1	165
8463100080	0	0	17	1059	1	32	0	0	0	0
200080	0	0	4	509	0	0	0	0	2	78
300080	15	1201	166	5604	1	39	0	0	1	19
900080	20	422	23	980	0	0	0	0	0	0
9800000002	34	196	80	3061	30	176	0	0	0	0
9900000002	291	219	2301	689	8	7	2	4	161	136
Y-T-D Tot	610	6985	3335	111020	49	1628	3	15	248	1570
NC YTD Tot	42	1872	206	19215	0	0	0	0	0	0
C&F Y-T-D	15176	22546	46578	452594	10557	11209	550	8764	873	11220
C&F NC YTD	70	8613	2601	301727	62	3832	92	4902	7	2128

Other Manufacturing Technology

1000000000	0	12072	0	69732	0	962	0	437	0	1167
2000000000	0	6588	0	28416	0	1051	0	100	0	213
2710003070	0	0	0	92	0	0	0	0	0	0
8428900010	8	1364	655	16410	0	0	0	0	0	0
8431390080	0	355	0	4886	0	7	0	2	0	374
8456101010	2	284	61	12007	0	0	0	0	0	0
101020	0	0	1	39	0	0	0	0	0	0
105000	0	0	24	328	0	0	0	0	0	0
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	4	29	0	0	0	0	0	0
8477103000	21	1699	0	0	6	21	0	0	18	85
106010	24	6451	141	15442	5	277	2	119	0	0
106050	142	8172	847	78554	16	484	12	202	3	126
200005	2	142	1	162	0	0	0	0	0	0
200015	1	170	1	3619	0	0	0	0	0	0
200035	6	129	0	0	0	0	0	0	0	0
200045	5	3008	0	0	0	0	0	0	0	0
200055	0	0	6	537	0	0	0	0	0	0
200065	5	615	10	3446	0	0	0	0	0	0
300000	7	1904	18	1988	0	0	0	0	0	0
400000	0	0	52	2088	0	0	0	0	0	0
510010	8	1164	286	1406	0	0	0	0	1	10
510090	2	282	12	1796	0	0	0	0	0	0
590000	15	260	39	2050	28	50	129	683	0	0
800000	48	6357	1326	24827	1	13	0	0	2	23
8479899040	8	622	741	26242	1	47	7	7	2	84
908040	0	203	0	6613	0	0	43	0	0	100
8537100030	34	464	3600	13280	0	0	0	0	0	0
9024100000	0	303	0	3259	0	25	0	2	0	0
9031100000	0	179	0	832	0	17	0	8	0	0
300000	0	0	0	266	0	0	0	0	0	0
9032810020	10	13	0	0	2738	15	0	0	0	0
810060	2787	261	5802	159	0	0	0	0	0	0

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.

Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
January 92 - June 92

Metal Forming	Sweden		Switzerland		Taiwan		U.K.		All Other	
	Units	\$000	Units	\$000	Units	\$000	Units	\$000	Units	\$000
8454300010	0	0	14	893	3	104	0	0	2	696
8462100030	0	0	0	0	0	0	0	0	0	0
100050	1	20	18	242	6	358	60	304	30	12946
210080	0	0	0	0	4	87	12	2119	17	1391
290030	0	0	0	0	8	39	0	0	4	66
290040	1	52	0	0	7	103	0	0	0	0
290050	81	2572	20	588	16	214	21	3102	17	291
310080	1	402	1	213	0	0	2	589	0	0
390050	0	0	1	20	1	5	31	264	28	475
410080	1	24	7	2006	0	0	0	0	9	1404
490050	13	164	1	305	3	14	7	75	3	69
910060	1	313	0	0	0	0	1	154	1	111
910090	12	1258	6	580	321	398	9	32	2346	1673
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	0	0	1	6	0	0	5	931	22	656
990060	9	457	0	0	23	721	8	1282	15	584
8463100080	0	0	2	34	0	0	0	0	0	0
200080	0	0	0	0	11	133	0	0	0	0
300080	4	19	36	683	11	317	24	151	12	418
900080	1	165	148	7590	5	37	57	436	18	186
9800000002	27	97	7	498	5	16	81	724	61	351
9900000002	98	32	224	364	3551	1133	489	154	1595	411
Y-T-D Tot	250	5576	486	14022	3975	3679	807	10319	4180	21728
NC YTD Tot	3	739	8	2219	4	87	15	2862	27	2906
C&F Y-T-D	936	9551	1278	54174	313422	48022	2295	42885	91080	51492
C&F NC YTD	9	1821	162	21793	275	10335	249	19910	341	15032

Other Manufacturing Technology

1000000000	0	5078	0	17588	0	10920	0	17394	0	20913
2000000000	0	636	0	2769	0	2453	0	4743	0	9086
2710003070	0	0	0	15	0	0	0	21	0	13
8428900010	105	5032	23	774	482	36	14	166	4	435
8431390080	0	982	0	1493	0	506	0	4896	0	6994
8456101010	0	0	2	741	0	0	0	0	1	139
101020	0	0	0	0	0	0	2	964	0	0
105000	5	14	0	0	0	0	4	39	7	933
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	1	3	15	51
8477103000	0	0	0	0	12	376	0	0	8	2
106010	0	0	28	1874	18	914	1	11	42	2661
106050	4	793	18	3613	75	2100	9	195	100	5855
200005	0	0	0	0	0	0	2	115	1	45
200015	0	0	0	0	1	229	1	37	0	0
200035	0	0	0	0	5	90	4	114	29	597
200045	0	0	0	0	0	0	5	2417	1	593
200055	5	49	1	54	0	0	0	0	2	63
200065	0	0	1	1061	3	130	0	0	0	0
300000	0	0	3	265	10	216	2	85	3	176
400000	0	0	0	0	12	159	25	107	1	114
510010	0	0	0	0	0	0	11	83	1	84
510090	0	0	0	0	1	4	1	28	1	2
590000	0	0	1	20	8	31	21	860	48	206
800000	10	116	18	1834	90	1466	124	1735	522	2840
8479899040	36	1344	2	294	16	72	5	40	209	2676
908040	0	639	0	145	0	138	0	718	0	2663
8537100030	34	7	2	48	40	40	24	261	72	171
9024100000	0	26	0	558	0	1	0	1014	0	119
9031100000	0	0	0	18	0	0	0	196	0	387
300000	0	0	0	158	0	0	0	1109	0	0
9032810020	0	0	2632	95	11000	10	6302	41	43361	739
810060	320	39	5	1	7257	31	944	53	32172	665

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.

Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
January 92 June 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
EUROPE						
Austria	829	4991	10	13396	839	18387
Bulgaria	12	104	0	0	12	104
Croatia	0	0	0	0	0	0
Czechoslovakia	57	1008	6	92	63	1100
Denmark	215	947	86	942	301	1889
Finland	21	379	32	1757	53	2136
Hungary	6	94	0	0	6	94
Ireland	5	21	13	25	18	47
Luxembourg	3	11	18	374	21	385
Netherlands	170	1763	23	1153	193	2916
Norway	5	7	0	0	5	7
Poland	89	1977	1	150	90	2127
Portugal	0	0	38	708	38	708
Romania	4	134	0	0	4	134
USSR	3	88	0	0	3	88
Yugoslavia	74	362	3	360	77	723
Oth Europe	44	529	3	218	47	747
TOTAL	24250	264265	3790	109393	28040	373658
NORTH AND CENTRAL AMERICA						
Barbados	0	0	0	0	0	0
Dominican Rep	1	18	0	0	1	18
Mexico	242	149	2914	972	3156	1120
Oth N & C Am.	2	215	2	3	4	218
TOTAL	1596	15916	3847	24752	5443	40668
SOUTH AMERICA						
Argentina	1	38	1	111	2	149
Chile	0	0	0	0	0	0
Colombia	0	0	1	6	1	6
Paraguay	0	0	0	0	0	0
Peru	12	24	0	0	12	24
Uruguay	0	0	0	0	0	0
Venezuela	46	10	1	4	47	14
Oth South Am.	1	6	0	0	1	6
TOTAL	226	3357	10	130	236	3487
OCEANIA						
Australia	27	934	8	249	35	1183
New Zealand	0	0	29	112	29	112
Oth Oceania	0	0	0	0	0	0
TOTAL	27	934	37	361	64	1295

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
January 92 June 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	\$000	UNITS	\$000	UNITS	\$000
ASIA						
China	84706	8935	881	423	85587	9358
Hong Kong	42	77	9	277	51	354
India	50	249	1	28	51	277
Indonesia	0	0	0	0	0	0
Iran	0	0	0	0	0	0
Iraq	0	0	0	0	0	0
Israel	24	1740	17	292	41	2033
Malaysia	48	34	1	7	49	41
Pakistan	6	51	0	0	6	51
Philippines	0	0	0	0	0	0
Thailand	150	4863	5	7	155	4869
Oth Asia	0	0	0	0	0	0
TOTAL	448771	420196	8276	117375	457047	537572
AFRICA						
Ghana	0	0	0	0	0	0
Kenya	0	0	0	0	0	0
Niger	0	0	0	0	0	0
South Africa	4	1	77	63	81	65
Swaziland	0	0	0	0	0	0
Oth Africa	1	2	0	0	1	2
TOTAL	5	4	77	63	82	67

Note: Region totals include top countries detailed by product as well as countries listed above.

** West and East Germany are combined.

Cutting Section Notes:

Total for Metal Cutting and Metal Forming appears in Metal Forming Section.

Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the total of codes: 8461900040 and 8461900080.

n.e.c. - Not elsewhere classified.